RH PETERSON CO.

realfyre
PREMIUM GAS LOGS

OWNER'S MANUAL

Burner Systems:

G46- ** (P)
G46- ** -01(M)(P)
G46- ** -11(M)(P)
G46- ** -15(M)(P)
G46- ** -17(M)(P)

****Sizes:**
(18/20, 24, 30)

Regulated burner system for use with propane or natural gas

DESIGN CERTIFIED
to
Vented Decorative Appliance
ANSI Z21.60-2012
CSA 2.26-2012

FOR INSTALLATION IN SOLID-FUEL BURNING FIREPLACES*

G46 SERIES VENTED GAS LOG SETS

WARNING

If the information in this manual is not followed exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS:

- **Open a window.**
- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in the building.**
- **Immediately call the gas supplier from a neighbor's phone. Follow gas supplier's instructions.**
- **If you cannot reach the gas supplier, call the fire department.**

Installation and service must be performed by a qualified professional installer, service agency, or the gas supplier.

This appliance is only for use with the type of gas indicated on the rating plate.

IMPORTANT: READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION OF THE LOG SET

The Real-Fyre gas log set is to be installed only in a solid-fuel burning fireplace with a working flue and constructed of noncombustible material. The installation, including provisions for combustion and ventilation air must conform with the *National Fuel Gas Code, ANSI Z223.1/NFPA 54,* or the *CSA B149.1, Natural Gas and Propane Installation Code*, and applicable local building codes.

A damper clamp is included to maintain the minimum permanent vent opening and to prevent full closure of the damper blade. **The chimney damper MUST be fully opened when burning the log set. The log set is designed to burn with yellow flames; thus adequate ventilation is absolutely necessary.**

To comply with certification, listings, and building code acceptances, and for safe operation and proper performance of this log set, use ONLY Peterson parts and accessories. Use of other controls, parts, and accessories that are not designed for use with Real-Fyre gas log sets is prohibited and will void all warranties, certifications, listings, and building code approvals, and may cause property damage, personal injury, or loss of life.

***Note:** Solid-fuels shall not be burned in a fireplace where a decorative appliance is installed.

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

INSTALLER:
Leave this manual with the appliance.
CONSUMER:
Retain this manual for future reference.

CSA CERTIFIED

DESIGN CSA CERTIFIED

1083986

realfyre
PREMIUM GAS LOGS

manuel des propriétaires

Systèmes de brûleur:

G46- ** (P)
G46- ** -01(M)(P)
G46- ** -11(M)(P)
G46- ** -15(M)(P)
G46- ** -17(M)(P)

****Sizes:**
(18/20, 24, 30)

Système réglé de brûleur pour l'usage avec du propane ou le gaz naturel

CONCEPTION CERTIFIÉE
à
Vented Decorative Appliance
ANSI Z21.60-2012
CSA 2.26-2012

POUR L'INSTALLATION EN CHEMINÉES BRÛLANTES DE COMBUSTIBLE SOLIDE*

LA SÉRIE G46 A EXHALÉ LA NOTATION DE GAZ RÉGLÉE

AVERTISSEMENT

Si l'information en ce manuel n'est pas suivie exactement, une incendie ou une explosion peut résulter, entraînant des dégats matériels, des blessures, ou la perte de la vie.

Ne stockez pas ou n'employez pas l'essence ou d'autres vapeurs et liquides inflammables à proximité de ceci ou d'aucun autre appareil.

CE QUI À FAIRE SI VOUS SENTEZ LE GAZ:

- Ouvrez une fenêtre.
- N'essayez pas de n'allumer aucun appareil.
- Ne touchez aucun commutateur électrique; n'utilisez aucun téléphone dans le bâtiment.
- Appelez immédiatement le fournisseur de gaz du téléphone du voisin. Suivez les instructions du fournisseur de gaz.
- Si vous ne pouvez pas atteindre le fournisseur de gaz, appelez le département de feu.

L'installation et le service doivent être assurés par un installateur qualifié et professionnel, l'agence de service, ou le fournisseur de gaz.

Cet appareil sert seulement avec le type de gaz indiqué de la plaque de contrôle.

INSTALLATEUR :
Laissez ce manuel avec l'appareil.
CONSOMMATEUR:
Maintenez ce manuel pour la future référence.

1083986

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org
We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

IMPORTANT: LISEZ CES INSTRUCTIONS SOIGNEUSEMENT AVANT DE COMMENCER L'INSTALLATION DE L'ENSEMBLE DE NOTATION.

L'ensemble de notation de gaz d'Real-Fyre doit être installée seulement dans une cheminée brûlante de combustible solide avec une conduite de cheminée fonctionnante et être construit avec du matériel non-combustible. L'installation, y compris des dispositions pour l'air de combustion et de ventilation doit se conformer au code national de gaz de carburant, la norme ANSI Z223.1/NFPA 54, ou le CSA B149.1, code d'installation de gaz naturel et de propane, et codes du bâtiment locaux applicables.

Une bride plus humide est incluse pour maintenir l'ouverture permanente minimum de passage et pour empêcher la pleine fermeture de la lame plus humide. L'amortisseur de cheminée DOIT être entièrement ouvert en brûlant la notation réglée. L'ensemble de notation est conçu pour brûler avec les flammes jaunes; ainsi à ventilation proportionnée est absolument nécessaire.

Pour se conformer à la certification, les listes, et les acceptations de codes du bâtiment, et pour l'exploitation sûre et l'exécution appropriée de cet ensemble de notation, utilisent SEULEMENT des pièces et des accessoires d'Peterson. L'utilisation d'autres commandes, pièces, et accessoires qui ne sont pas conçus pour l'usage avec des ensembles de notation de gaz d'Real-Fyre est interdite et videra toutes les garanties, certifications, listes, et approbations de codes du bâtiment, et peut causer des dégats matériels, le dommage corporel, ou des pertes humaines.

***Note:** des Plein-carburants ne seront pas brûlés dans une cheminée où un appareil décoratif est installé.

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REPLACEMENT BURNER PARTS LIST

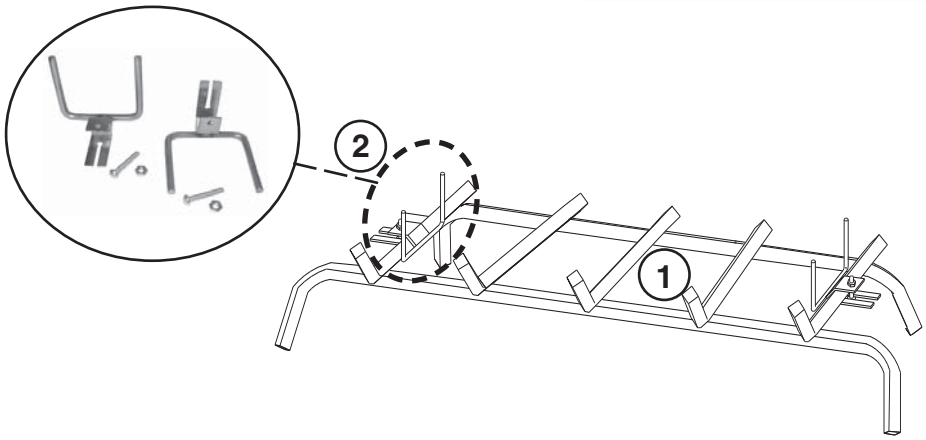
Item	Description	18/20" model Part No.	Qty.	24" model Part No.	Qty.	30" model Part No.	Qty.
1.	Grate (manual and 17 valve only)	SD-18	1	SD-24	1	SD-30	1
or	Grate (11, 15, and 01 valve only)	S4-18	1	S4-24	1	S4-30	1
2.	Log locators with screws	UP-17	2	UP-17	2	UP-17	2
3.	Control valve (see inset)	--	--	--	--	--	--
4.	Piezo Ignitor (see inset)*	--	--	--	--	--	--
5.	Flex connector w/ adapter (see inset)	--	--	--	--	--	--
6.	Damper clamp	DC-1	1	DC-1	1	DC-1	1
7.	Sand granules (natural gas)	CS-6	1	CS-4	2	CS-10	1
or	Vermiculite granules (propane gas)	LF-15-3.5	1	LF-15-7	1	LF-15	1
8.	Glowing embers	EM-1	1	EM-1	1	EM-1	1

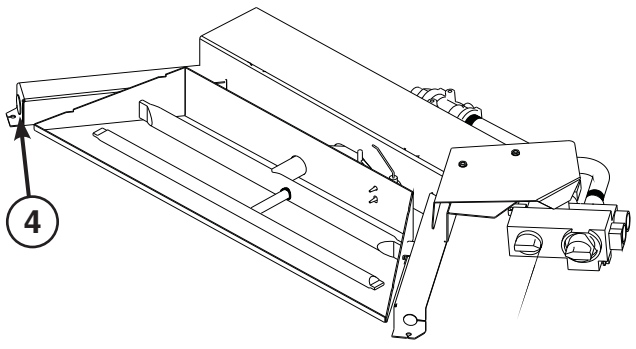
* If applicable

Order parts through your local Real-Fyre® dealer.

Note: Photos not to scale.

The log set is purchased and packaged separately. Styles and sizes will vary depending upon the log set ordered. When ordering replacement parts; be sure to indicate your log set and burner model.



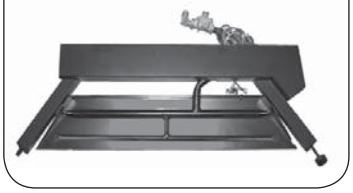


5 **(Pre-installed on burner)**

Actual parts may differ.

3

Manual valve



11 series

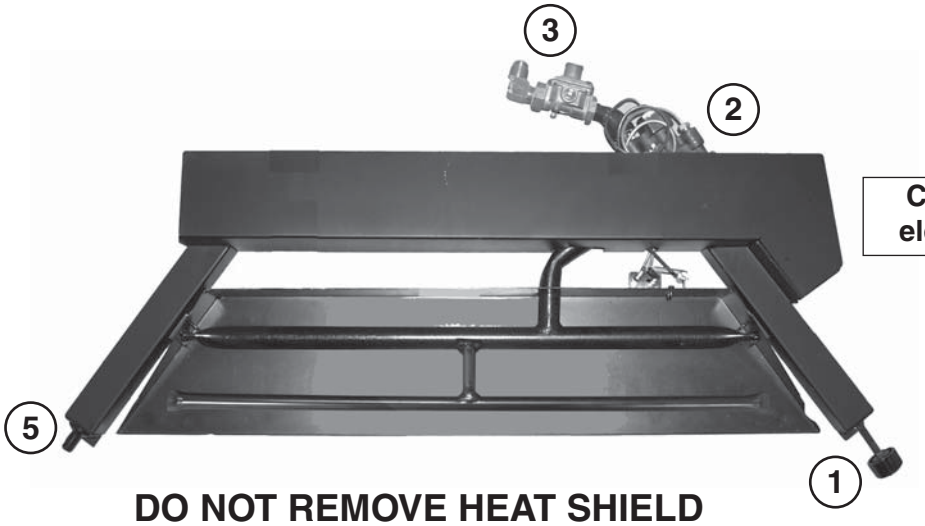
15 series

01 series

17 series

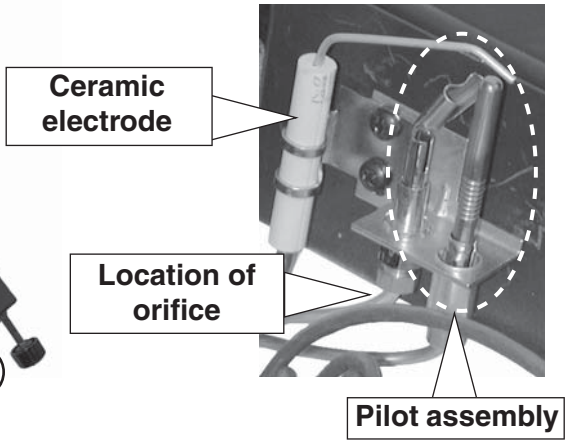
For all valves, see detailed information on the following pages.

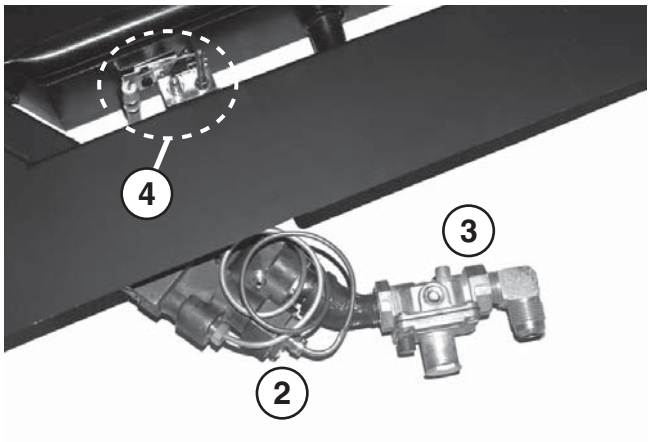
SAFETY CONTROL SYSTEM FOR G46 MANUAL



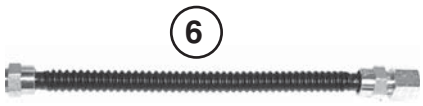
DO NOT REMOVE HEAT SHIELD

Pilot assembly (rear view)



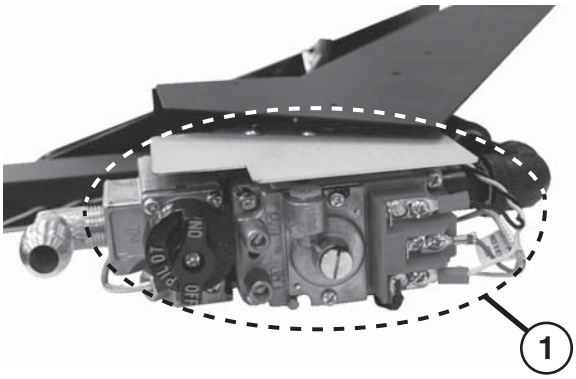


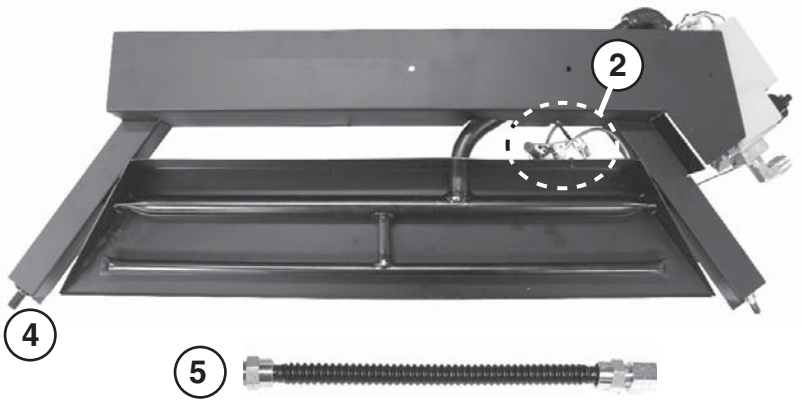
G46 burner showing valve layout under heat shield (rear view)



Item	Description	Part No.	Qty.
1.	Control knob w/ extension	KNOB-5	1
2.	Manual SPK valve	SV -19	1
3.	Pressure regulator, natural gas	PR-1NAT	1
or	Pressure regulator, propane gas	PR-1LP	1
4.	Pilot assembly, natural gas	PT-1NAT	1
or	Pilot assembly, propane gas	PT-1LP	1
5.	Piezo ignitor	PZ-1	1
6.	Flex connector w/ adapter	CK-5-24	1

SAFETY CONTROL SYSTEM FOR 11 VALVE



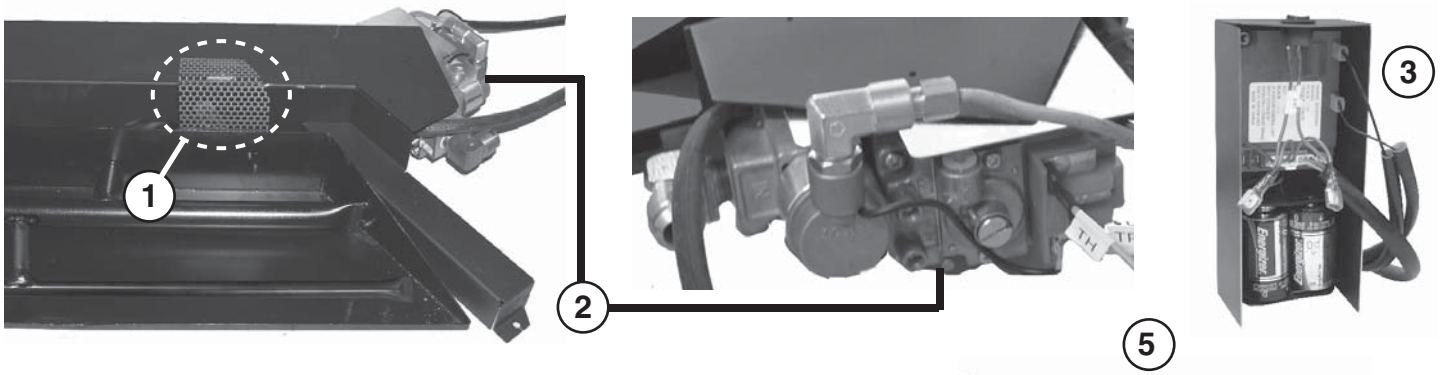


Item	Description	Part No.	Qty.
1.	Valve assembly (natural)	SV-6	1
or	Valve assembly (propane)	SV-6P	1
2.	Pilot assembly (natural)	PG-1-12	1
or	Pilot assembly (propane)	PG-1-12P	1
3.	Remote kit (if equipped)	RR-1A	1
4.	Piezo Ignitor	PZ-1	1
5.	Flex connector w/ adapter	CK-5-SP	1

DO NOT REMOVE HEAT SHIELD

G46 burner showing valve layout under heat shield

SAFETY CONTROL SYSTEM FOR 01 VALVE



G46 burner showing remote-control valve layout under heat shield

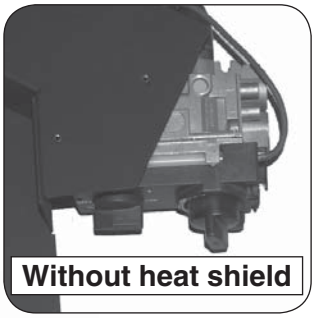
DO NOT REMOVE HEAT SHIELD

Item	Description	Part No.	Qty.
1.	Pilot assembly (natural)	PAC-6	1
or	Pilot assembly (propane)	PAC-7	1
2.	Valve assembly (natural)	SV-35	1
or	Valve assembly (propane)	SV-36	1
3.	Switch box assembly	IMP-1	1
4.	Remote kit (if equipped)	RR-1A	1
5.	Flex connector w/ adapter	CK-5-SP	1

SAFETY CONTROL SYSTEM FOR G46 15 VALVE

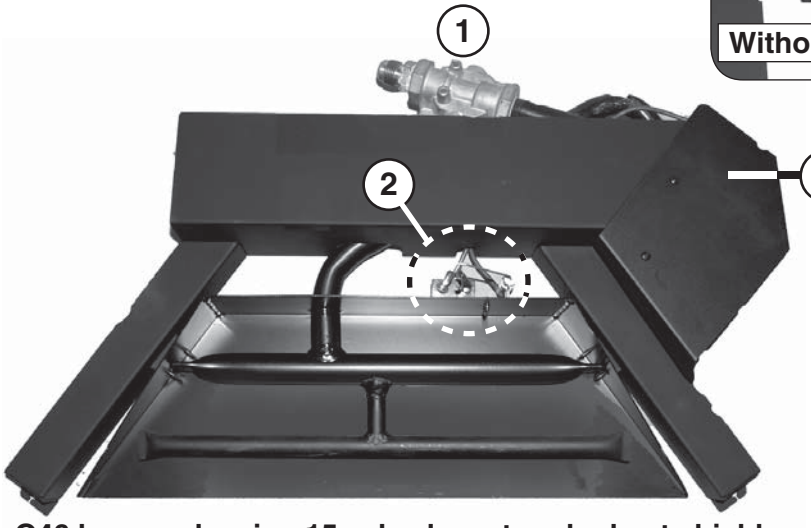
VR-1A remote with receiver, heat shield, batteries, & wiring (if equipped)

Item	Description	Part No.	Qty.
1.	Pressure regulator, natural gas	PR-3NAT	1
or	Pressure regulator, propane gas	PR-2LP	1
2.	Pilot assembly (natural gas)	PT-1NAT	1
or	Pilot assembly (propane gas)	PT-1LP	1
3.	Valve, natural gas	SV-22	1
or	Valve, propane gas	SV-23	1
4.	Remote kit (if equipped)	VR-1A	1
5.	Flex connector w/ adapter	CK-5-24	1

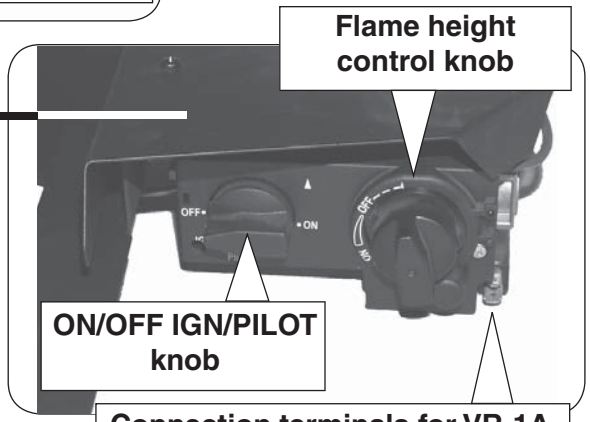


Without heat shield

DO NOT REMOVE HEAT SHIELD

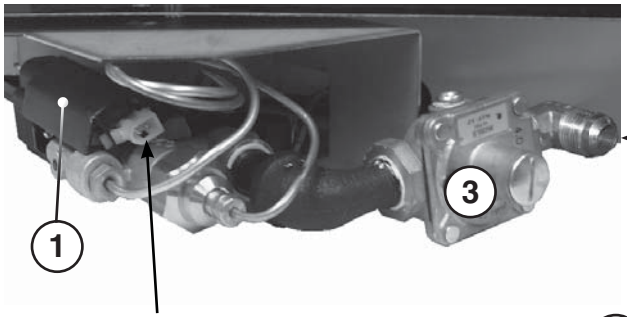


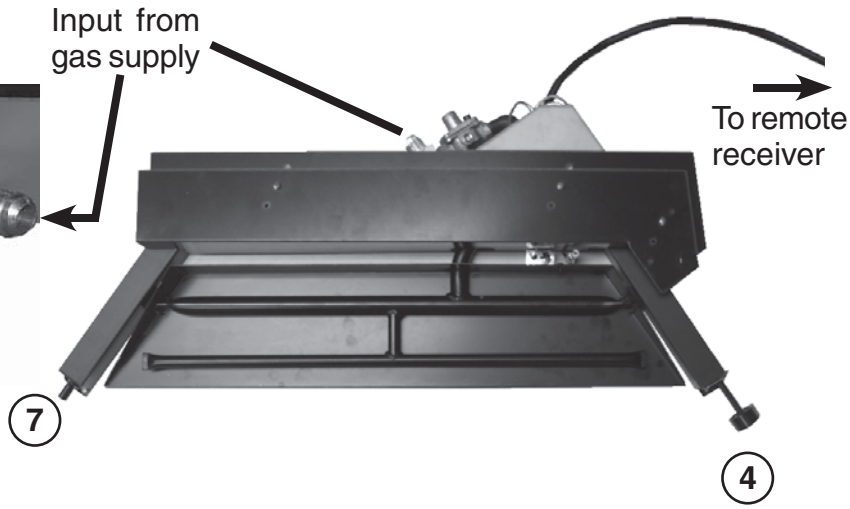
G46 burner showing 15 valve layout under heat shield



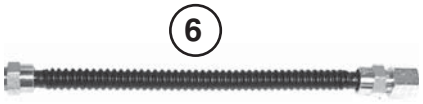
SAFETY CONTROL SYSTEM FOR G46 17 VALVE

G46 burner showing 17 valve layout under heat shield

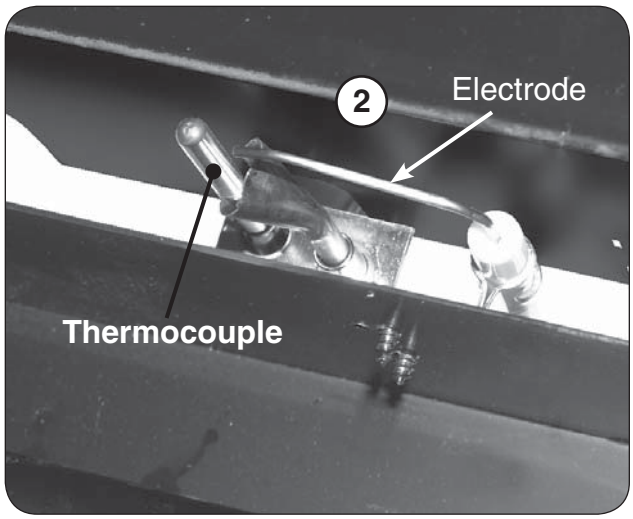




DO NOT REMOVE HEAT SHIELD



Pilot assembly (rear view)



Item	Description	Part No.	Qty.
1.	Valve	SV-37	1
2.	Pilot assembly, natural gas	PT-1NAT	1
or	Pilot assembly, propane gas	PT-1LP	1
3.	Pressure regulator, natural gas	PR-1NAT	1
or	Pressure regulator, propane gas	PR-1LP	1
4.	Control knob w/ extension	KNOB-5	1
5.	Remote kit (if equipped)	VR-1A	1
6.	Flex connector w/ adapter	CK-5-24	1
7.	Piezo ignitor	PZ-1	1

VR-1A remote with receiver, heat shield, batteries, & wiring (if equipped)

Optional manual system or upgrade to VR-2 remote system.

L'INFORMATION DE SÛRETÉ IMPORTANTE DE PRÉINSTALLATION ET DE CHEMINÉE

ATTENTION: L'installation et la réparation doivent être faites par un NFI certifié ou tout autre installateur professionnel qualifié.

Installateur: Lisez soigneusement ces instructions avant d'installer ce système de brûleur à gaz. Soyez sûr que vous comprenez tous les mesures de sécurité et avertissements contenus en ce manuel.

A. Cet appareil est conçu comme appareil occupé. Les adultes doivent être présent quand cet appareil à gaz fonctionne. Ne laissez pas ce burning d'unité si sans surveillance ou tandis que n'importe qui dort.

B. Cet appareil sert seulement avec le type de gaz indiqué de la plaque de contrôle. Cet appareil n'est pas CONVERTIBLE de CHAMP pour l'usage avec d'autres gaz.

C. FAITES ATTENTION: Sinon installé, entretenu, et utilisé correctement par ces instructions, ce produit peut causer le dommage corporel, les dégats matériels, ou les pertes humaines sérieux.

D. AVERTISSEMENT: Avant l'installation dans une cheminée plein-carburant-brûlante, la conduite de cheminée, l'amortisseur, et le foyer de cheminée doivent ÊTRE COMPLÈTEMENT NETTOYÉS de la suie, de la créosote, des cendres, et de la peinture lâche, et doivent être inspectés par un décapant qualifié de cheminée. Quelques cheminées plus anciennes peuvent ont besoin de réparation avant d'installer cet appareil.

E. VÉRIFIEZ LE TYPE de GAZ (normal ou propane) : La fourniture de gaz doit être identique qu'indiquée de votre plaque de contrôle de système de brûleur. Si la fourniture de gaz est différente, **N'INSTALLEZ PAS**. Contactez votre revendeur pour l'aide immédiate.

F. Gardez le domaine du clair réglé de notation de gaz et libérez des matériaux combustibles, l'essence, et d'autres vapeurs et liquides inflammables.

G. LA PRESSION DE GAZ INSUFFISANTE GARDERA LE PILOTE DU FONCTIONNEMENT CORRECTEMENT (SI ÉQUIPÉ). N'EMPLOYEZ PAS SI LA PRESSION DE GAZ EST INFÉRIEURE À LA CONDITION MINIMUM.

H. L'admission minimum gaz-fournissent la pression aux fins de l'ajustement d'entrée est 5" ; colonne d'eau (w.c.) sur le gaz naturel et le 11" ; w.c. sur le gaz de propane. La pression de gaz insuffisante affectera l'opération appropriée du pilote (si équipé). N'installez pas cet appareil à gaz si la pression minimum n'est pas disponible. L'admission maximum gaz-fournissent la pression est 10.5" ; w.c. sur le gaz naturel et le 13" ; w.c. sur le gaz de propane. La source de propane doit être réglée. (Ne reliez pas cet appareil directement à un réservoir de gaz non réglé de propane - ceci peut causer une explosion.)

I. Le système sifflant de gaz doit être classé pour fournir la pression d'admission minimum au débit maximum (BTU/hr). La perte de pression anormale se produira si la pipe est trop petite, ou la course est trop longue. La pipe de fourniture de gaz doit être $^1/_2$" ; diamètre intérieur minimum. Si la ligne de gaz est plus longue que 20' ; une ligne de plus grand diamètre peut être nécessaire. Reportez-vous aux directives NFPA 54 pour plus de détails.

J. Les estimations d'entrée montrées en Btu par heure sont pour des altitudes jusqu'à 2.000 pi. Pour des altitudes au-dessus de 2.000 pi, référez-vous au code national de gaz de carburant ou entrez en contact avec le fabricant avant d'installer ce produit.

K. Cet appareil à gaz et son clapet à gaz principal doivent être disconnected du gaz-fournissent le système sifflant pendant tout vérificateur de pression de ce système aux pressions d'essai au-dessus de 1/2 psig.

L. Cet appareil à gaz doit être isolé dans gaz-fournissent le système sifflant en fermant le robinet d'isolement d'équipement relié au gaz-fournissent la ligne pendant tout vérificateur de pression du gaz-fournissent le système sifflant aux pressions d'essai égales à ou moins d'à 1/2 psig.

M. N'employez pas cet appareil si n'importe quelle partie a été sous-marine. Appelez immédiatement un technicien qualifié de service pour inspecter l'appareil et pour remplacer n'importe quelle partie du système de contrôle et de n'importe quelle commande de gaz qui a été sous-marine.

N. Una pantalla de la chimenea debe ser en el lugar cuando el sistema está quemando. Las provisiones para el aire de combustión adecuado deben ser mantenidas. A menos que otras provisiones para el aire de combustión se proporcionen, la pantalla tendrá una abertura para la introducción de aire de combustión. El aire de combustión es adecuado cuando todas las llamas se encrespan en la chimenea y lejos de la pantalla. **Cuando se utiliza un recinto de cristal de la chimenea (puerta), deje las puertas completamente abiertas cuando el sistema es en funcionamiento.**

O. Cet appareil peut être installé dans un marché des accessoires, maison (mobile) de manière permanente située et manufacturée, où non interdit par des codes locaux. L'installation des appareils a conçu pour la maison manufacturée (États-Unis seulement) ou installation de caravane résidentielle doit se conformer au CAN/CSA standard Z240 MH, logement mobile, au Canada, ou à la construction et au standard de sécurité à la maison manufacturés, intitulent 24 CFR, la partie 3280, aux Etats-Unis, ou quand une telle norme ne s'applique pas, à ANSI/NCSBCS A225.1/NFPA 501A, installations à la maison manufacturées standard.

IMPORTANT PRE-INSTALLATION AND FIREPLACE SAFETY INFORMATION

CAUTION: Installation and repair must be done by an NFI Certified or other qualified professional installer.

Installer: Carefully read these instructions before installing this gas burner system. Be sure you understand all safety precautions and warnings contained in this manual.

A. This appliance is designed as an **attended appliance.** Adults must be present when this gas appliance is operating. Do not leave this unit burning when unattended or while anyone is sleeping.

B. This appliance is only for use with the type of gas indicated on the rating plate. This appliance is **NOT FIELD CONVERTIBLE** for use with other gasses.

C. BE CAREFUL: If not installed, serviced, and used correctly per these instructions, this product can cause serious personal injury, property damage, or loss of life.

D. WARNING: Before installing in a solid-fuel-burning fireplace, **the chimney flue, damper, and firebox must be thoroughly CLEANED** of soot, creosote, ashes, and loose paint, and must be inspected by a qualified chimney cleaner. Some older fireplaces may need repair prior to installing this appliance.

E. CHECK GAS TYPE (natural or propane): The gas supply must be the same as stated on your burner system rating plate. If gas supply is different, **DO NOT INSTALL**. Contact your dealer for immediate assistance.

F. Keep the area of the gas burner system clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

G. INSUFFICIENT GAS PRESSURE WILL KEEP THE PILOT (IF EQUIPPED) FROM OPERATING PROPERLY. DO NOT USE IF GAS PRESSURE IS LOWER THAN THE MINIMUM REQUIREMENT.

H. The *minimum* inlet gas-supply pressure for purposes of input adjustment is **5"** water column (w.c.) on **natural gas** and **11"** w.c. on **propane gas**. Insufficient gas pressure will affect proper operation of the pilot (if equipped). Do not install this gas appliance if minimum pressure is not available. The *maximum* inlet gas-supply pressure is **10.5"** w.c. on natural gas and **13"** w.c. on propane gas. The propane source must be regulated. (Do not connect this appliance directly to an unregulated propane gas tank - this can cause an explosion.)

I. The gas piping system must be sized to provide minimum inlet pressure at the maximum flow rate (BTU/hr). Undue pressure loss will occur if the pipe is too small, or the run is too long. Gas supply pipe must be $^1/_2$" minimum interior diameter. If the gas line is longer than 20', a larger diameter line may be necessary. Refer to the NFPA 54 guidelines for further details.

J. Input ratings shown in BTU per hour are for elevations up to 2,000 ft. For elevations above 2,000 ft., refer to the National Fuel Gas Code or contact manufacturer before installing this product.

K. This gas appliance and its main gas valve must be disconnected from the gas-supply piping system during any pressure testing of that system at test pressures in excess of $^1/_2$ psig.

L. This gas appliance must be isolated from the gas-supply piping system by closing the equipment shutoff valve connected to the gas-supply line during any pressure testing of the gas-supply piping system at test pressures equal to or less than $^1/_2$ psig.

M. Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

N. A fireplace screen must be in place when the system is burning. Provisions for adequate combustion air must be maintained. Unless other provisions for combustion air are provided, the screen shall have an opening(s) for introduction of combustion air. Combustion air is adequate when all flames curl into the fireplace and away from the screen. **When a glass fireplace enclosure (door) is used, leave the doors fully open when the system is in operation.**

O. This appliance may be installed in an aftermarket, permanently located, manufactured (mobile) home, where not prohibited by local codes. Installation of appliances designed for manufactured home (U.S. only) or mobile home installation must conform with the Standard *CAN/CSA Z240 MH*, *Mobile Housing*, in Canada, or with the *Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280,* in the United States, or when such a standard is not applicable, *ANSI/NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard.*

IMPORTANT INFORMATION

Do not use this log set if any part has been underwater. Immediately call a qualified professional service technician to inspect the appliance and to replace any part of the control system and any gas control which has been underwater.

The gas log set must be isolated from the gas supply piping system by closing its individual shut-off valve during any pressure testing of the gas supply system at test pressures equal to or less than 1/2 psig. The gas log set and its individual shut-off valve must be disconnected from the gas supply piping system when testing at pressures in excess of 1/2 psig.

Keep the area of the gas log set clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

Important: For safe operation and proper performance and to comply with CSA Certification, ONLY Robert H. Peterson parts and accessories must be used with this gas log set.

The minimum inlet gas supply pressure for purpose of input adjustment is 5" for natural gas and 11" for propane gas. Maximum inlet gas supply pressure for this burner is 10.5" for natural and 13" for propane gas.

Gas supply pipe must be 1/2" minimum interior diameter or larger. If the gas line is longer than 20', a larger diameter line may be necessary.

A fireplace screen must be in place when the system is burning. Provisions for adequate combustion air must be maintained. Unless other provisions for combustion air are provided, the screen shall have an opening(s) for introduction of combustion air. Combustion air is adequate when all flames curl into the fireplace and away from the screen. **When a glass fireplace enclosure (door) is used, leave the doors fully open when the system is in operation.**

The minimum firebox dimensions in which log set is certified to be installed, is listed in the Technical Data Table here.

Note: For remote ready units, the maximum BTU thru put of some valves may vary.

FIREPLACE SIZE REQUIREMENTS

Burner size	Min. Fireplace Dimensions			BTU	
	Front width*	Depth	Height	NAT.	L.P.
18/20"	26"	15"	18'	40k	40k
24"	30"	15"	18"	55k	55k
30"	36"	15"	18"	65k	65k

* This required width allows for centering of the log set.

Minimum Free Opening Area of Chimney Damper for Venting (sq. in.)						
	For Factory-Built Fireplaces			For Masonry-Built Fireplaces		
Chimney	**18/20"**	**24"**	**30"**	**18/20"**	**24"**	**30"**
15' (min.)	25	35	41	29	39	45
20'	23	31	37	27	35	41
25'	22	30	35	-	-	-
30'	21	28	33	25	32	37

IMPORTANT

For all valves, the air **MUST** be purged from the gas line before the pilot will light and burn properly. The time needed to purge will depend on the length of the gas line to the unit and the amount of time since the unit or gas line was last used. It may take several minutes before all the air is purged and the pilot will light and burn properly. Follow the LIGHTING INSTRUCTIONS section in this manual.

INSTALLATION

The damper clamp with hex bolt (Fig. 11-1) is provided as a means to prevent full closure of the damper blade. The clamp is easily attached to most damper blades with pliers or a wrench, and must be permanently installed. The clamp is designed to prevent accidental closure of the damper when installed as illustrated (Fig. 11-2 and Fig. 11-3). Should the clamp not fit, or fail to provide the permanent vent opening listed in the table found above, have a permanent stop installed, remove the damper blade, or have the damper cut to provide the minimum permanent opening required.

Note: These are minimum damper opening specifications. The damper must be completely opened when operating this gas appliance to achieve the best ventilation possible.

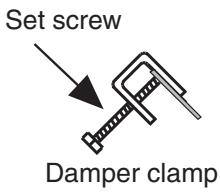


Fig. 11-1

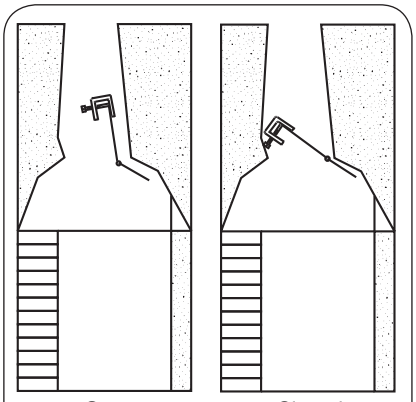


Fig. 11-2 **Fig. 11-3**

INSTALLING THE BURNER

This gas log set must be installed by a qualified professional service technician. Instructions must be followed carefully to ensure proper performance and full benefit from the gas log set. **Check to be sure the log set is designed and labeled for the type of gas (natural or propane gas) supplied to the fireplace. Fireplace floor must be level, clean, and smooth.**

WARNING: Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

REFER TO THE PARTS LIST WHEN FOLLOWING THESE INSTRUCTIONS.

1. MAKE SURE THE FIREPLACE GAS SUPPLY IS TURNED OFF.
2. Locate the gas-supply stub inside the fireplace and remove the cap, if attached (see Fig. 11-4).

CAUTION: When removing the cap, make sure the stub does not turn, loosening the connection inside the wall.

3. Locate the grate and attach the log locators to the 2 outer bars of the grate with screws and nuts. The log locators should be loosely positioned toward the middle of the bars with screw slots facing towards fireplace side walls (Fig. 11-5). Temporarily place the front log at the front of the grate, to correctly determine the log locator position. Slide the log locators up against the rear of the front log. Tighten the log locators in place. Remove the front log.
4. Place the burner system in the fireplace. Center the burner toward the rear of the fireplace.

Note: For 01 models, ensure that proper clearance exists between the pilot and pilot screen. Reference the 01 VALVE MODELS section for details.

5. **Be sure gas to the fireplace is off.** Attach the large adapter end of the flex connector (coming off of the burner system) to the gas-supply stub using a pipe compound resistant to all gases. Ensure adapter (and nut) are tightened securely. Ensure the pan rests level on the fireplace floor after connection. Adjust the pan if necessary.

Fig. 11-4

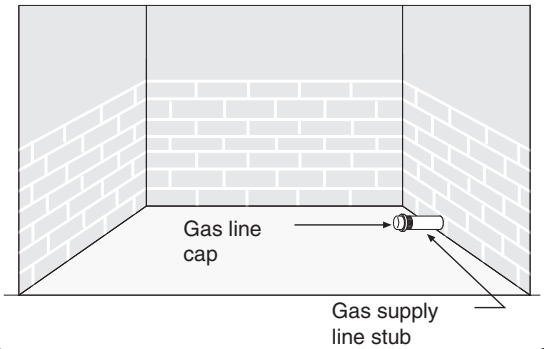
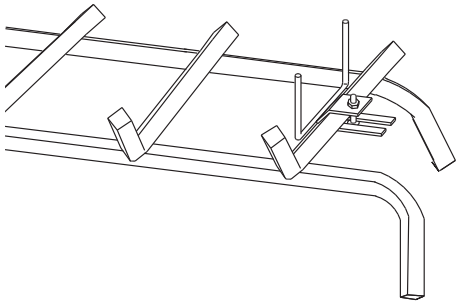


Fig. 11-5 Log locators on grate



Note: Manual grate shown.

6. LEAK TEST: Turn on the fireplace gas supply, and test at all connections for leaks using the appropriate soapy water solution. If bubbles appear, a leak is present. Turn off the gas and tighten at all connections. Repeat until no leaks are present. If a leak persists, turn off the gas supply and contact the local gas company or dealer. NEVER USE A FLAME TO CHECK FOR LEAKS.

Turn off the gas supply prior to proceeding.

7. Position the grate over the burner pan and center this assembly in the fireplace, then place it as far back in the fireplace as possible. Remove the grate to secure the burner and for granule/ember placement.

8. The burner has two securing holes at the front of the burner pan heat shield (see Fig. 12-1 for location). Mark the center point of each hole and drill a $^{3}/_{16}$" pilot hole (one for each side) into the fireplace floor. Secure with $^{1}/_{4}$" anchor bolts.

9. If this unit was shipped with a remote, read and follow the separate remote instructions (packed with remote) for complete remote installation.

GRANULE, EMBER, AND GRATE PLACEMENT

GRANULE PLACEMENT

The granules supplied with the unit are specially selected for use with either propane gas or natural gas. They maximize flame distribution and reduce carbon buildup.

1. Fill the burner pan completely with the granules*. See Fig. 12-1. **Avoid spilling the granules on the pilot kit. Do not place granules on ignitor shield or knob shield.**

***Note:** Use only select sand for natural gas burners and vermiculite for propane gas burners.

2. Slope the granules at the same angle as the burner pan. This is important to ensure quiet lighting and even flame distribution.

EMBER PLACEMENT

Sprinkle the glowing embers lightly and evenly over the entire surface of the granules. **Break up any clumps that may have developed during shipment.** You may sprinkle the embers (not the granules) over the knob and ignitor shields, making sure to keep the embers clear of the pilot assembly. **Embers around the pilot will block airflow, causing the pilot to overheat and shut down the system.**

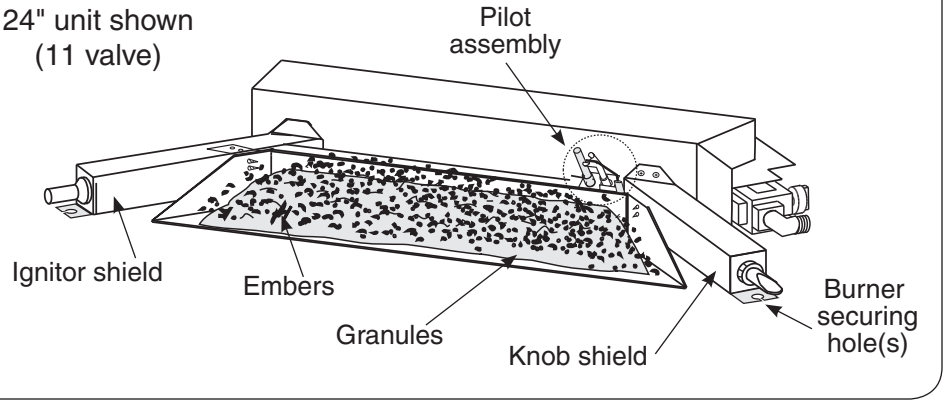
Important: Do not add any additional embers to this log set. Any additional embers may cause unsafe operation.

GRATE PLACEMENT

Center the grate over the burner pan.

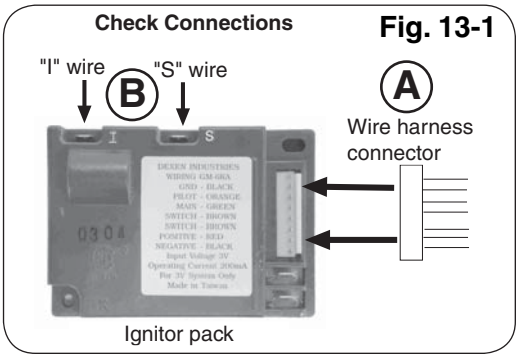
Fig. 12-1

24" unit shown
(11 valve)



CONNECTING THE IGNITION PACK TO THE VALVE

The 01valve comes complete with the wiring harness connected to the switch box. You may wish to ensure it is correctly connected before finally connecting the three wires to the valve, as below.



TO CHECK THE WIRING ASSEMBLY:

A. Check that the wiring harness is fitted tightly into the connector on the green ignitor pack inside the switch box (Fig. 13-1).

B. Check that the female connectors on the two black wires from the pilot assembly (wires marked "I" and "S") are inserted fully into the male connectors on the ignitor pack (Fig. 13-2).

C. Check the connection of the red and black wires of the wire harness to the respective counterpart wires from the battery holder (red-red and black-black). The two brown wires should be connected to the switch.

Note: The two spare brown wires with coated male connectors are used to connect a remote system (if equipped).

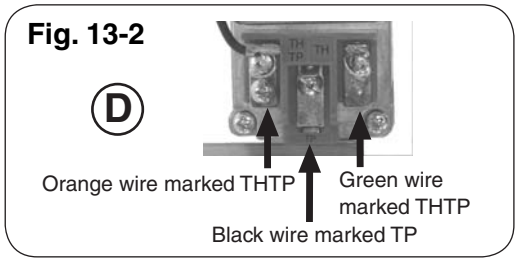
D. Connect the wires to the valve in the following order (see Fig. 13-2):

Orange wire marked **THTP - to THTP** connector on valve

Black wire marked **TP - to TP** connector on valve

Green wire marked **TH - to TH** connector on valve

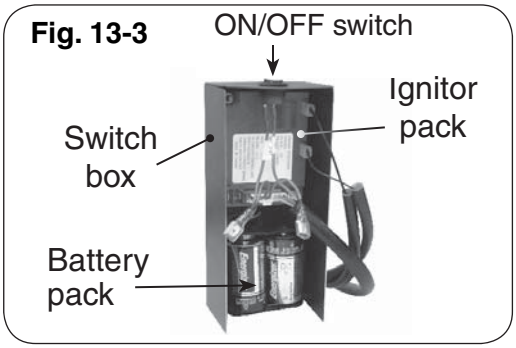
The diagram below shows the wiring layout for the complete unit.



INSTALLING OR REPLACING BATTERIES FOR IGNITION MODULE PACK

Two 1.5-volt (D-cell) alkaline batteries are supplied with the burner system. To install or replace batteries, remove any old batteries (if applicable) and install new batteries according to the diagram illustrated on the battery holder mounted inside the switch box (Fig. 13-3).

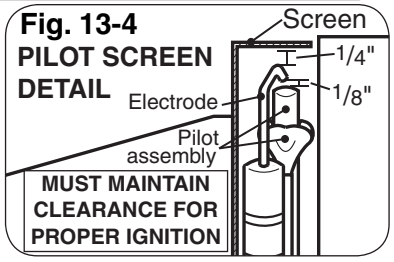
Note: For the system to work properly, it is suggested that you replace the batteries annually with fresh batteries. Always replace all the batteries at the same time.



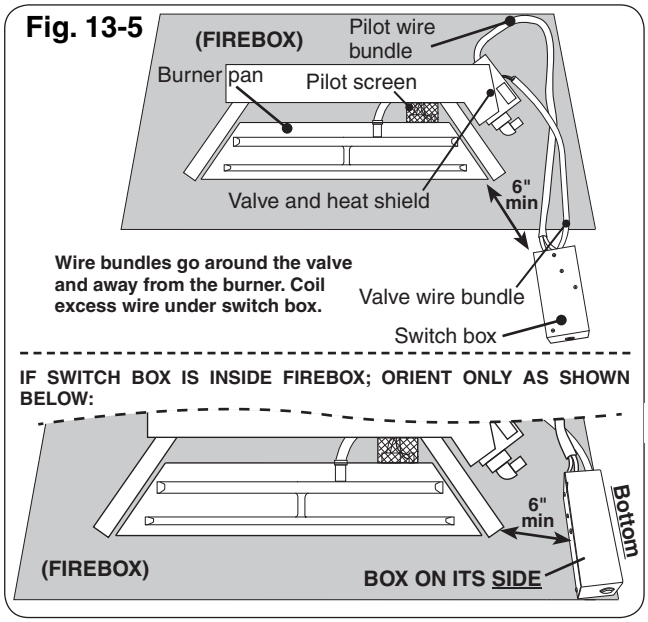
SWITCH BOX PLACEMENT

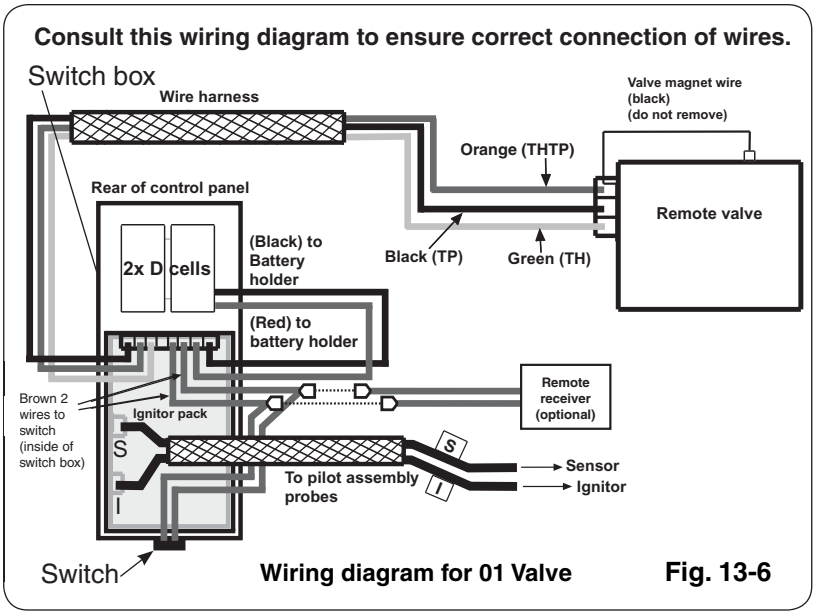
Place the switch box outside of the firebox and a minimum of 6" from the burner/flame. If the switch box is in the firebox, the switch box must only be oriented as shown in Fig. 13-5. The switch box must not be placed in the rear of the fireplace, or in any other manner than shown in Fig. 13-5. Set the box on its side and place the bottom of the box toward the right firebox wall (box must be a minimum of 6" from the burner/flame). Be sure that the pilot and valve wire bundles remain clear of the burner, valve, and heat shield at all times.

Note: Coil excess wire within the switch box.



CAUTION: THE SWITCH BOX MAY BE HOT DURING AND AFTER OPERATION.





LOG PLACEMENT

The log set is purchased and packaged separately. Woodland Oak log set (WO) shown here. Styles and sizes will vary depending upon the log set ordered. If the log set ordered includes placement instructions; follow those instructions. When ordering replacement parts; be sure to indicate your log set and burner model.

Note: For Charred series, see the following section.

Proper log placement is important to ensure proper performance of the Real-Fyre® gas log set. Be sure to follow the LOG PLACEMENT INSTRUCTIONS carefully. Three optional log placement patterns, an exclusive feature of the log set, are explained below.

24" Woodland Oak (WO) log set shown.

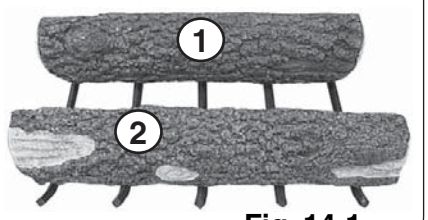


Fig. 14-1

FOR ALL OPTIONS

Step 1: Place the rear bottom log (Log #1) on the back of the grate (Fig. 14-1), and slide it forward against the log locators. Place the front log (Log #2) on the front of the grate and slide it back against the log locators. The log locators ensure that adequate space between the logs is maintained for a cleaner burn.

OPTION 1

Step 2: Place the middle log (Log #4) to rest on the front and rear bottom logs, as shown in Fig. 14-2. Place Log #3 so it rests on Log #4 and the front log, as shown in Fig. 14-2. Ensure they are placed across the space between the logs.

Step 3: Place the top logs (Logs #5 & #6) as shown in Fig. 14-3, with Log #5 resting on Log #3 and the front log, and Log #6 resting on the rear log and Log #4.

Fig. 14-2
Option 1
Step 2

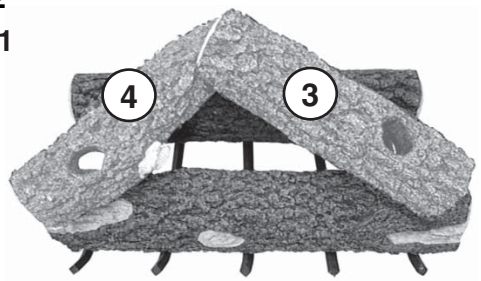
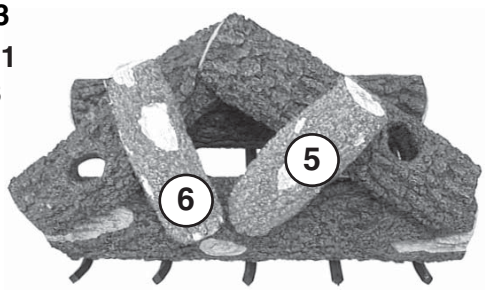


Fig. 14-3
Option 1
Step 3



OPTION 2

Step 2: Place the middle logs parallel, as shown in Fig. 14-4. Log #3 is placed with one end on the front log, and the other end resting on Log #4.

Step 3: Place Log #5 resting on the front log and the left middle log, and Log #6 resting on the rear log and the right middle log, as shown in Fig. 14-4.

OPTION 3

Step 2: Place the middle logs (Logs #3 & #4) so they are parallel, resting on the front and rear logs across the space, as shown in Fig. 14-5.

Step 3: Place top Logs #5 & #6 so they are parallel and rest across Logs #3 & #4, as shown in Fig. 14-5.

Fig. 14-4
Option 2
Steps 2 & 3

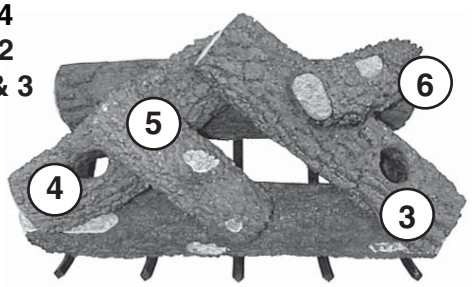
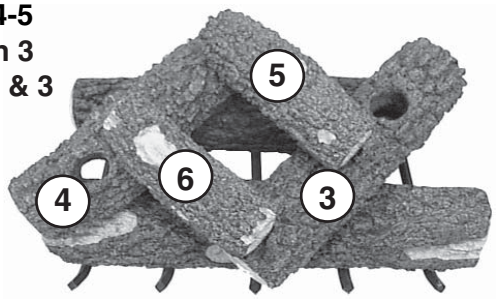


Fig. 14-5
Option 3
Steps 2 & 3



CAUTION: Burn hazard. Logs will remain hot for some time after use. You must maintain the log layout as shown to ensure proper operation of the log set. If you need to reposition any log to maintain the proper layout, use heat-resistant gloves or allow logs adequate time to cool before handling.

CHARRED LOG PLACEMENT

The log set is purchased and packaged separately. Charred Oak log set (CHD) shown here. Styles and sizes will vary depending upon the log set ordered. If the log set ordered includes placement instructions; follow those instructions. When ordering replacement parts; be sure to indicate your log set and burner model.

Note: DISCARD THE EMBER SCREEN AND ADDITIONAL EMBERS PROVIDED WITH THE CHARRED LOG SET AS THEY ARE NOT APPLICABLE TO THIS BURNER SYSTEM.

Step 1. Place the long bottom rear log (Log #1) on the back of the grate with the flat, hollow side facing the rear of the fireplace. Push the log up against the log locators.

Step 2. Place the two sections of the front log (Logs #2L & #2R) on the front of the grate and up against the log locators. The charred sections should be facing each other, approximately 1" apart at the top.

Step 3. Place the two top, knot-hole logs (Logs #3 & #4) so that one end rests on each front log section and the other end rests on the rear log, as shown in Fig. 15-4. The charred sections should be over the opening between the front and rear logs.

Step 4. Place the top logs (Logs #5 & #6) as shown in Fig. 15-5, with Log #5 resting on the left-hand knot-hole log (Log #3) and the left front log (Log #2L), and Log #6 resting across both knot-hole logs to the rear.

Step 5. Place the additional top log (Log #7) so it rests on the right-hand knot-hole log (Log #4) and on the right front bottom log section (Log #2R), as shown in Fig. 15-6.

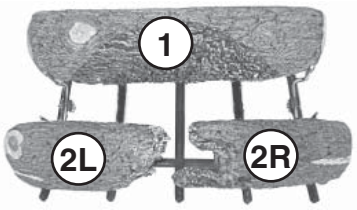


Fig. 15-3

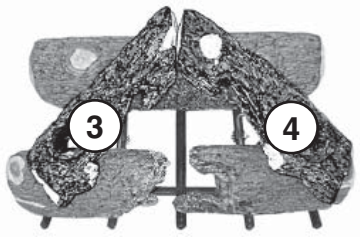


Fig. 15-4

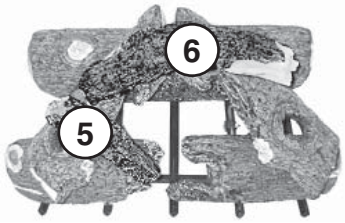


Fig. 15-5

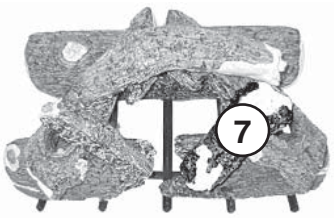


Fig. 15-6

Periodically observe the flames. Flames should be approximately 22"-24" above the fireplace floor, a little blue at the base mostly orange and yellow flames (see Fig. 19-1). The flames should impinge on the logs and grating as little as possible to avoid sooting the logs or the grating.

INSTRUCTIONS D'ÉCLAIRAGE - PILOTE ET VALVE MANUELS DE LA SÉRIE 17

POUR VOTRE SÛRETÉ, LISEZ AVANT DE S'ALLUMER

AVERTISSEMENT: Si vous ne suivez pas ces instructions exactement, une incendie ou une explosion peut résulter entraînant des dégats matériels, des blessures ou la perte de la vie.

N'employez pas cet appareil si n'importe quelle partie a été sous-marine. Réclamez immédiatement un technicien de service professionnel qualifié et pour inspecter l'appareil et pour remplacer n'importe quelle partie du système de commande et de n'importe quelle commande de gaz qui a été sous l'eau.

Le Vrai-Fyre® système de brûleur a un pilote qui peut être allumé en utilisant construit dans le passage d'ignitor de piezo sur le brûleur, ou employer à la main une allumette ou désirer ardemment allumeur étranglé. En allumant le pilote, suivez ces instructions exactement.

AVANT DE S'ALLUMER, sentez tous autour du secteur de brûleur pour le gaz. Soyez sûr de sentir à côté du plancher car un certain gaz est plus lourd que l'air et arrangerez sur le plancher. SI VOUS SENTEZ LE GAZ, SUIVEZ LES INSTRUCTIONS À LA P. 1.

Utilisez seulement votre main pour enfoncer ou pour tourner le bouton de commande de gaz. N'utilisez jamais les outils. Si le bouton n'enfoncera pas ou ne tournera pas à la main, n'essayez pas de le réparer. Appelez un technicien de service professionnel qualifié et. La force ou la réparation essayée peut avoir comme conséquence l'incendie ou l'explosion.

ALLUMER LE PILOTE

1. Si le bouton de soupape de commande de brûleur n'est pas dans la position de **OFF**, enfoncez la poignée de commande de gaz légèrement et tournez-vous dans le sens des aiguilles d'une montre ↷ vers **OFF** (fig. 16-1).

Note: Le bouton de commande de brûleur ne peut pas être tourné du **PILOT** au **OFF** à moins que la poignée soit enfoncée légèrement. Ne forcez pas.

Attendez cinq minutes pour dégager dehors n'importe quel gaz. Si vous sentez alors le gaz, ARRÊTEZ ! Informez votre fournisseur de gaz ou le département de feu immédiatement. Si vous ne sentez pas le gaz, passez dessus à l'étape 2.

2. Tournez le bouton de commande de brûleur dans le sens contraire des aiguilles d'une montre ↶ au **PILOT** (Fig. 16-1). Poussez la poignée de commande toute la manière dedans et tenez-la. Enfoncez le bouton d'ignitor de piezo plusieurs fois jusqu'aux lampes témoin. Continuez à tenir le bouton de commande pour approximativement 30 secondes après que le pilote est allumé pour permettre au thermocouple de détecter la flamme pilote, puis libérez le bouton. Le pilote restera s'est allumé.

- Si le pilote ne s'allumera pas, répétez les étapes 1. et 2.
- Si le pilote ne restera pas s'allumait après que plusieurs essais, tournent la poignée de commande de gaz à **OFF** et appellent votre fournisseur de technicien ou de gaz de service.

ALLUMAGE DU BRÛLEUR PRINCIPAL

1. Assurez-vous que le pilote brûle.
2. Tournez la poignée de commande de gaz dans le sens contraire des aiguilles d'une montre ↶ à **ON** (fig. 16-1) pour mettre à feu le brûleur. Le brûleur mettra à feu.

Note: Examinez périodiquement la flamme pilote pour assurer le modèle approprié de flamme (Fig. 16-1).

ASSUREZ-VOUS QUE LE THERMOCOUPLE ET L'ASSEMBLÉE PILOTE SONT EN ALIGNEMENT CORRECT AVEC L'UN L'AUTRE (FIG. 16-1).

ROTATION OUTRE DU BRÛLEUR PRINCIPAL

1. De la position de **ON**, tournez le bouton de commande dans le sens des aiguilles d'une montre ↷ à la position **PILOT**. Le brûleur s'éteindra et le pilote restera s'est allumé.

S'ÉTEINDRE LE PILOTE

1. Si complet l'arrêt est désiré, de la position **PILOT**, de l'enfoncer le bouton de commande légèrement et du tour dans le sens des aiguilles d'une montre ↷ à la position de repos. Ne forcez pas le bouton. **NE FORCEZ PAS LE BOUTON.** Ceci exigera du pilote d'être re-s'est allumé avant d'utiliser le brûleur encore.

Le SPK-17 est capable de l'éclairage à distance. Si votre unité est équipée d'un extérieur, lisez et suivez les instructions à distance séparées d'actionner le brûleur à distance.

(valve manuelle montrée)

1. S'ALLUMER - tournez le bouton de commande de brûleur à **OFF** ↷ et attendez 5 minutes avant de s'allumer.

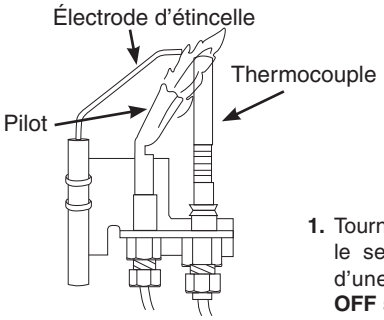
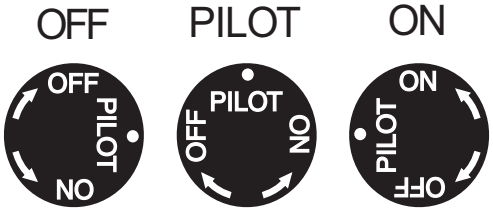


Fig. 16-1



1. Tournez le cadran dans le sens des aiguilles d'une montre ↷ à **OFF** seulement quand l'arrêt complet est nécessaire.

2. Tournez le cadran dans le sens contraire des aiguilles d'une montre ↶ à la position **PILOT**. Avec le bouton prêt de pression d'allumette dedans et la prise pendant 60 secondes tout en allumant le pilote.

3. Tournez le bouton contre- dans le sens des aiguilles d'une montre à **ON** au brûleur léger.

LIGHTING INSTRUCTIONS - MANUAL PILOT AND SERIES 17 VALVE

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING

If you do not follow these instructions exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not use this appliance if any part has been underwater. Immediately call for a qualified professional service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

The Real-Fyre® burner system has a pilot that can be lit using the built-in piezo ignitor on the burner, or by hand using a match or long-necked lighter. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the burner area for gas. Be sure to smell next to the floor, as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON P. 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Excessive force or attempted repair may result in fire or explosion.

LIGHTING THE PILOT

1. Push in the gas control knob slightly and turn clockwise ↷ to **OFF** (Fig. 17-1). Refer to the PARTS LIST for the location of the burner control valve knob.

Note: The burner control knob cannot be turned from **PILOT** to **OFF** unless the knob is pushed in slightly. Do not force.

Wait five minutes to clear out any gas. If you then smell gas, STOP! Notify your gas supplier or the fire department immediately. If you don't smell gas, go on to step 2.

2. Turn the burner control knob counterclockwise ↶ to **PILOT** (Fig. 17-1). Push the control knob **firmy and fully** in and hold. Push the piezo ignitor button several times until the pilot lights. Continue to hold the control knob in for approximately 60 seconds after the pilot is lit, then release the knob. The pilot will remain lit.

- If the pilot will not light, repeat steps 1 and 2.
- If the pilot will not stay lit after several tries, turn the gas control knob to **OFF** and call your service technician or gas supplier.

IGNITING THE MAIN BURNER

1. Make sure the pilot is burning.
2. Turn the gas control knob counterclockwise ↶ to **ON** (Fig. 17-1) to ignite the burner. The burner will ignite.

Note: Periodically check the pilot flame for the proper flame pattern (Fig. 17-1).

MAKE SURE THE THERMOCOUPLE AND PILOT ASSEMBLY ARE IN CORRECT ALIGNMENT WITH EACH OTHER (Fig. 17-1).

TURNING OFF THE MAIN BURNER

1. From the **ON** position, turn the control knob clockwise ↷ to the **PILOT** position. The burner will extinguish, and the pilot will remain lit.

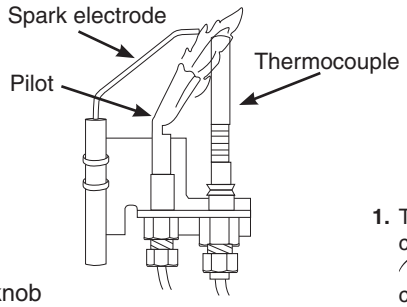
EXTINGUISHING THE PILOT

1. If complete shutdown is desired, from the **PILOT** position, push in the control knob slightly and turn clockwise ↷ to the **OFF** position. **Do not force the knob.** This will require the pilot to be relit before using the burner again.

The series 17 valve is capable of remote operation. **If this unit was shipped with a remote, or if a remote system was installed later, read and follow the separate remote instructions to operate the burner remotely.**

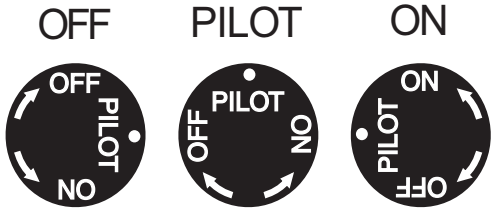
(Manual valve shown)

1. Lighting - Turn the burner control knob to **OFF** ↷ and wait 5 minutes before lighting.



Pilot Assembly

Fig. 17-1



1. Turn the knob clockwise to **OFF** ↷ only when complete shutdown is desired or prior to lighting the pilot.

2. Turn knob counterclockwise ↶ to **PILOT** position. With match ready, press knob in and hold for 60 seconds while lighting pilot.

3. Turn the knob counterclockwise to **ON** to light the burner.

INSTRUCTIONS D'ÉCLAIRAGE - VALVE DE LA SÉRIE 11

POUR VOTRE SÛRETÉ, LISEZ AVANT DE S'ALLUMER

AVERTISSEMENT : Si vous ne suivez pas ces instructions exactement, une incendie ou une explosion peut résulter entraînant des dégats matériels, des blessures ou la perte de la vie.

N'employez pas cet appareil si n'importe quelle partie a été sous-marine. Réclamez immédiatement un technicien de service professionnel qualifié et pour inspecter l'appareil et pour remplacer n'importe quelle partie du système de commande et de n'importe quelle commande de gaz qui a été sous l'eau.

Le Vrai-Fyre® système de brûleur a un pilote qui peut être allumé en employant construit dans le passage d'ignitor de piezo sur le brûleur, ou employer à la main une allumette ou désirer ardemment allumeur étranglé. En allumant le pilote, suivez ces instructions exactement.

AVANT DE S'ALLUMER, sentez tous autour du secteur de brûleur pour le gaz. Soyez sûr de sentir à côté du plancher car un certain gaz est plus lourd que l'air et arrangerez sur le plancher. SI VOUS SENTEZ LE GAZ, SUIVEZ LES INSTRUCTIONS À LA P. 1.

Utilisez seulement votre main pour enfoncer ou pour tourner le bouton de commande de gaz. N'utilisez jamais les outils. Si le bouton n'enfoncera pas ou ne tournera pas à la main, n'essayez pas de le réparer. Appelez un technicien de service professionnel qualifié et. La force ou la réparation essayée peut avoir comme conséquence l'incendie ou l'explosion.

ALLUMANT LE PILOTE

Pour lire le bouton de commande de soupape de sûreté (Fig. 18-1) lisez l'indicateur formé par larme la plus proche en métal d'inscription.

1. Si le bouton de commande de soupape de sûreté est en position **PILOT**, enfoncez légèrement sur le bouton et tournez-le dans le sens des aiguilles d'une montre ↷ jusqu à la position de **OFF**.
2. Libérez le bouton et attendez cinq minutes.
3. Tournez le bouton de soupape de sûreté dans le sens contraire des aiguilles d'une montre ↶ à la position **PILOT** (seulement le gaz pilote coulera quand le bouton est enfoncé).
4. Poussez et tenez le bouton de soupape de sûreté entièrement dedans et enfoncez le bouton d'ignitor de piezo plusieurs fois jusqu'aux lampes témoin.
5. Tenez le bouton de soupape de sûreté dedans pendant approximativement 60 secondes avant de libérer.
6. **Si le pilote ne reste pas s'allumait,** la position de **OFF** de bouton de soupape de sûreté dans le sens des aiguilles d'une montre ↷ entièrement. Attendez cinq minutes, puis répétez les étapes 3. à 5.

METTANT À FEU LE BRÛLEUR PRINCIPAL

Avec lampe témoin, tournent le bouton de soupape de sûreté dans le sens contraire des aiguilles d'une montre ↶ à la position de **ON**. Commutez la commande d'interrupteur à levier à la position de **ON** et le brûleur s'allumera.

COUPANT LE BRÛLEUR PRINCIPAL

Commutez la commande d'interrupteur à levier à la position de **OFF**. Le pilote restera s'est allumé.

COUPANT LE PILOTE

Soyez sûr que commande d'interrupteur à levier est éteint et enfonce et tourne le bouton de soupape de sûreté dans le sens des aiguilles d'une montre ↷ à la position de **OFF**.

AJUSTANT LE PILOTE

1. La flamme pilote devrait encercler le bout de générateur, et est préréglée à l'usine (Fig. 18-2).
2. Si l'ajustement est nécessaire, (Fig. 18-1) tournez la vis d'approche de gaz dans le sens contraire des aiguilles d'une montre ↶ pour augmenter la flamme pilote, ou pour diminuer dans le sens des aiguilles d'une montre ↷ la flamme pilote.

ENTRETIEN

Votre brûleur à casserole est équipé d'un pilote de sûreté qui coupera l'offre de gaz au cas où le pilote serait ne brûlant pas ou ne fonctionnant pas correctement. Assurez-vous que le pilote est ajusté correctement et que les agrafes de cosse de générateur sont étroitement reliées aux vis terminales sur la valve. Si le pilote ne restera pas allumait, appelle votre utilité de gaz ou fournisseur locale de gaz.

Un contrôle périodique du suivant devrait être exécuté au moins annuellement par un représentant qualifié de service professionnel.

1. Valves et commande d'interrupteur à levier pour l'opération appropriée.
2. Système de conduite de cheminée pour la rouille, les dommages ou les fuites.
3. Une opération plus humide.
4. Orifices pour la saleté ou d'autres corps étrangers.
5. Contrôle visuel sur le brûleur.

Si cette unité était embarquée avec un extérieur, ou si un système à distance était installé plus tard, lisez et suivez les instructions à distance séparées d'actionner le brûleur à distance.

Fig. 18-1

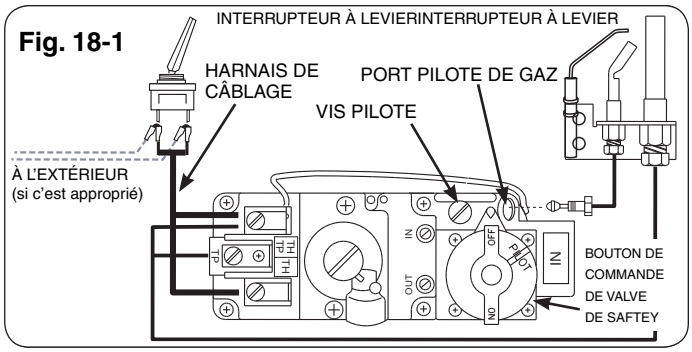
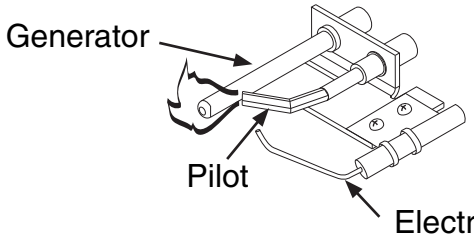


Fig. 18-2



Note: La flamme pilote devrait encercler le dessus du générateur

LIGHTING INSTRUCTIONS - SERIES 11 VALVE

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING

If you do not follow these instructions exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not use this appliance if any part has been underwater. Immediately call for a qualified professional service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

The Real-Fyre® burner system has a pilot that can be lit by using the built-in piezo ignitor switch on the burner, or by hand using a match or long-necked lighter. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the burner area for gas. Be sure to smell next to the floor, as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON P. 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Force or attempted repair may result in fire or explosion.

LIGHTING THE PILOT

To read the safety valve control knob (Fig. 19-1), read the marking nearest the teardrop-shaped metal pointer.

1. If the safety valve control knob is in the **PILOT** position, push in slightly on the knob and rotate it clockwise ↷ to the **OFF** position.
2. Release knob and wait five (5) minutes.
3. Turn safety valve knob counterclockwise ↶ to the **PILOT** position. (Only the pilot gas will flow when the knob is pushed in.)
4. Push and hold the safety valve knob fully in and push in the piezo ignitor button several times until the pilot lights.
5. Hold the safety valve knob in for approximately 60 seconds before releasing.
6. **If the pilot does not stay lit**, turn the safety valve knob clockwise ↷ to the full **OFF** position. Wait five (5) minutes, then repeat steps 3 through 5.

IGNITING THE MAIN BURNER

With the pilot lit, turn the safety valve knob counterclockwise ↶ to the **ON** position. Switch the toggle switch control to the **ON** position, and the burner will light. Refer to the PARTS LIST for the toggle switch location.

SHUTTING OFF THE MAIN BURNER

Switch the toggle switch control to the **OFF** position. The pilot will remain lit.

SHUTTING OFF THE PILOT

Be sure the toggle switch control is **OFF** and depress and turn the safety valve knob clockwise ↷ to the **OFF** position.

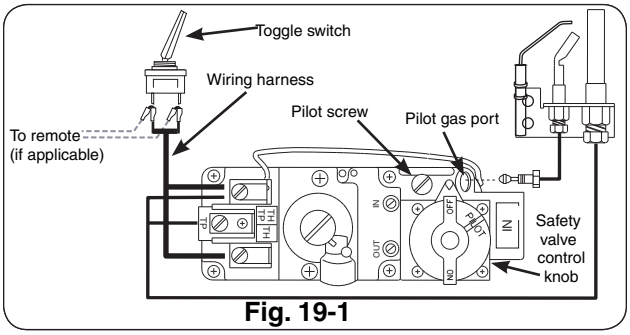


Fig. 19-1

ADJUSTING THE PILOT

a. The pilot flame should encircle the generator tip, and is preset at the factory (Fig. 19-2).

b. If adjustment is necessary (Fig.19-1), turn the gas adjustment screw counterclockwise ↶ to increase the pilot flame, or clockwise ↷ to decrease the pilot flame.

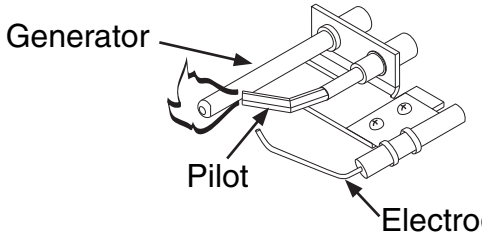
MAINTENANCE

Your pan burner is equipped with a safety pilot that will shut off the gas supply in the event that the pilot is not functioning properly. Make sure the pilot is adjusted properly and that the generator spade clips are tightly connected to the terminal screws on the valve. If the pilot will not stay lit, call your local gas utility or gas supplier.

A periodic check of the following should be performed at least annually by a qualified professional service representative:

1. Valves and toggle switch control for proper operation.
2. Flue system for rust, damage, or leaks.
3. Damper operation.
4. Orifices for dirt or other foreign matter.
5. Visual check on the burner.

If this unit was shipped with a remote, or if a remote system was installed later, read and follow the separate remote instructions to operate the burner remotely.



Note: Pilot flame should encircle top of the generator.

Fig. 19-2 Lighting the pilot

INSTRUCTIONS D'ÉCLAIRAGE - VALVE DE LA SÉRIE 01

Nous recommandons qu'avant que vous installiez l'ensemble de notation, vous vous familiarisez avec la disposition de soupape de commande. Ceci vous aidera à être opération confiante la notation réglée quand entièrement installé.

POUR VOTRE SECURITE, LISEZ AVANT D'ALLUMER

AVERTISSEMENT

Si vous ne suivez pas ces instructions exactement, une incendie ou une explosion peut résulter, entraînant des dégats matériels, le dommage corporel, ou des pertes humaines.

La Real-Fyre® G46 série Logset a un pilote qui est allumé utilisant le commutateur d'allumeur. En allumant le pilote, suivez ces instructions exactement.

AVANT L'ALLUMER, sentez tous autour du secteur réglé de notation de gaz pour le gaz. Soyez sûr de sentir à côté du plancher, car un certain gaz est plus lourd que l'air et arrangera sur le plancher. SI VOUS SENTEZ LE GAZ, SUIVEZ LES INSTRUCTIONS SUR LA COUVERTURE DE CES INSTRUCTIONS.

POUR ALLUMER LE SYSTÈME DE BRÛLEUR UTILISANT LA BOÎTE DE COMMUTATEUR

Utilisez le commutateur sur l'avant de la boîte de commutateur (marqué **I** = **ALLMEZ**; **O** = **FERME**, Fig. 20-1).

1. Appuyez sur le commutateur à **I** (**Allmez**) ; voir la Fig. 20-2. Ceci transmet une série rapide d'étincelles à la tête pilote et mettra à feu le gaz.
2. Les étincelles cessent quand la flamme pilote est allumée et écurie. Après une brève durée, le pilote allumera alors le brûleur principal.

ATTENTION: SI LE BRÛLEUR NE MET PAS À FEU DANS 20 SECONDES, ARRÊTEZ, ATTENDEZ 5 MINUTES, ALORS RÉPÉTEZ LES ÉTAPES 1. ET 2. CI-DESSUS.

Si le pilote ne restera pas allumé après que plusieurs essais, tournent le commutateur d'allumeur à **O (Ferme)** et appellent le fournisseur de technicien ou de gaz de service.

Boîte de commutateur

Fig. 20-1

Boîte de commutateur dans la position de fonctionnement

Fig. 20-2

Boîte de commutateur dans la position de repos

Fig. 20-3

POUR ARRÊTER LA NOTATION DE GAZ A PLACÉ UTILISANT LA BOÎTE DE COMMUTATEUR

Appuyez sur simplement le commutateur d'**O** (**FERME**, Fig. 20-3) sur l'avant de la boîte de commutateur. L'écoulement de gaz cessera, et toutes les flammes (brûleur et pilote principaux) sortiront (voir la note importante ci-dessous).

FONCTIONNEMENT DU BRÛLEUR UTILISANT L'À TÉLÉCOMMANDE

Si votre EPK-1 venait équipé d'un extérieur, ou si un était additionné plus tard, suivez les instructions incluses dans le kit à distance pour l'éclairage et arrêter le brûleur attaché.

IMPORTANT: Le commutateur de boîte de commutateur et l'à télécommande (si équipé) doivent être éteints dans l'état pour fermer le brûleur au loin. Si une commande est commandée au loin tandis que l'autre est toujours dessus, le brûleur restera allumé.

LIGHTING INSTRUCTIONS - 01 VALVE

We recommend that before you install the log set, you familiarize yourself with the control valve layout. This will help you to be confident operating the log set when fully installed.

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING

If you do not follow these instructions exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

The Real-Fyre® EPK-1(P) has a pilot that is lit using the ignitor switch. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the gas log set area for gas. Be sure to smell next to the floor, as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON THE FRONT COVER OF THESE INSTRUCTIONS.

TO LIGHT THE BURNER SYSTEM USING THE SWITCH BOX

Use the switch on the front of the switch box (marked **I** = **IGNITE**; **O** = **OFF**, Fig. 21-1).

1. Press switch to **I** (**Ignite**); see Fig. 21-2. This transmits a rapid series of sparks at the pilot head and will ignite the gas.
2. Sparks cease when the pilot flame is lit and stable. After a short time, the pilot will then light the main burner.

CAUTION: IF THE BURNER DOES NOT IGNITE WITHIN 20 SECONDS, STOP, WAIT 5 MINUTES, THEN REPEAT STEPS 1. AND 2. ABOVE.

If the pilot will not stay lit after several tries, turn the ignitor switch to **O** (**OFF**) and call the service technician or gas supplier.

Switch box

Fig. 21-1

Switch box
in ON position

Fig. 21-2

Switch box
in OFF position

Fig. 21-3

TO SHUT DOWN THE GAS LOG SET USING THE SWITCH BOX

Simply press the **O** (**OFF**, Fig. 21-3) switch on the front of the switch box. The gas flow will cease, and all flames (main burner and pilot) will go out (see important note below).

OPERATING THE BURNER USING THE REMOTE CONTROL

If your EPK-1 came equipped with a remote, or if one was added later, follow the instructions included in the remote kit for lighting and shutting down the attached burner.

IMPORTANT: Both the switch box switch and the remote control (if equipped) must be in the off state to shut the burner off. If one control is commanded off while the other is still on, the burner will remain on.

INSTRUCTIONS D'ÉCLAIRAGE - VALVE DE LA SÉRIE 15

POUR VOTRE SÛRETÉ, LISEZ AVANT DE S'ALLUMER

AVERTISSEMENT : Si vous ne suivez pas ces instructions exactement, une incendie ou une explosion peut résulter entraînant des dégats matériels, des blessures ou la perte de la vie.

N'employez pas cet appareil si n'importe quelle partie a été sous-marine. Réclamez immédiatement un technicien de service professionnel qualifié et pour inspecter l'appareil et pour remplacer n'importe quelle partie du système de commande et de n'importe quelle commande de gaz qui a été sous l'eau.

Le Vrai-Fyre® système de brûleur a un pilote qui peut être allumé à la main en utilisant une allumette ou un allumeur. En allumant le pilote, suivez ces instructions exactement.

AVANT DE S'ALLUMER, sentez tous autour du secteur de brûleur pour le gaz. Soyez sûr de sentir à côté du plancher car un certain gaz est plus lourd que l'air et arrangerez sur le plancher. SI VOUS SENTEZ LE GAZ, SUIVEZ LES INSTRUCTIONS À LA P. 1.

Utilisez seulement votre main pour enfoncer ou pour tourner le bouton de commande de gaz. N'utilisez jamais les outils. Si le bouton n'enfoncera pas ou ne tournera pas à la main, n'essayez pas de le réparer. Appelez un technicien de service professionnel qualifié et. La force ou la réparation essayée peut avoir comme conséquence l'incendie ou l'explosion.

ALLUMER LE PILOTE

1. Tournez le bouton de commande d'Ignitor (Fig. 22-1) de la soupape de commande de brûleur au côté de la casserole de brûleur dans le sens contraire des aiguilles d'une montre de sorte que la partie de rétrécissement du bouton se déplace de la position de **OFF**, légèrement vers **IGN** jusqu'à atteindre l'arrêt.
2. Serrez le bouton de commande d'ignitor dedans et tenez dedans pendant 5 secondes (seulement le gaz pilote coulera).
3. Continuez d'enfoncer tout en tournant le dans le sens contraire des aiguilles d'une montre supplémentaire de bouton de commande d'ignitor, vers la position **PILOT**, jusqu'à ce que vous entendiez un clic. Le clic est une indication que l'ignitor de pizio a été activé.

Note: Si l'étincelle de l'ignitor de pizio n'allume pas le pilote, répétez les étapes 2 et 3 jusqu'au pilote lights.

4. Continuez à tenir le bouton de commande d'ignitor en position **PILOT** pour 60 secondes après que le pilote a été allumé pour permettre au thermocouple de détecter la flamme pilote.

Note: La flamme pilote devrait toujours être présent quand le système de brûleur est en fonction, et devrait juste envelopper le bout du thermocouple.

ALLUMAGE DU BRÛLEUR PRINCIPAL

1. Quand la flamme pilote est stable, libérez le bouton de commande d'ignitor et tournez-vous dans le sens contraire des aiguilles d'une montre vers la position de **ON** pour permettre le brûleur principal.
2. Tournez le bouton de commande de taille de flamme (Fig. 22-3) entièrement dans le sens contraire des aiguilles d'une montre pleinement la position de fonctionnement (Fig. 22-4) pour mettre à feu le brûleur chez BTUs maximum. Après que le brûleur principal mette à feu, ajustez la taille de flamme comme indiqué ci-dessous.

AJUSTEMENT DE LA TAILLE DE FLAMMET

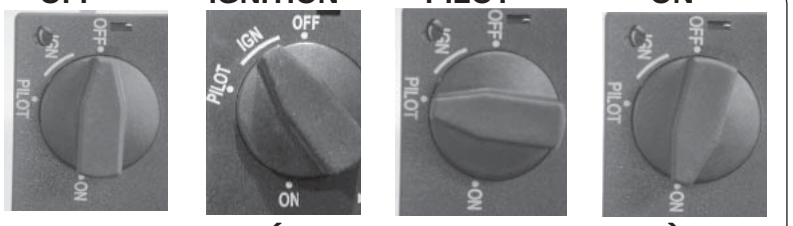
1. Pour ajuster la flamme, tournez le bouton de commande de taille de flamme (Fig. 22-3) dans le sens contraire des aiguilles d'une montre à la taille de flamme d'augmentation et dans le sens des aiguilles d'une montre à la taille de flamme de diminution jusqu'à ce que les flammes aient les caractéristiques désirées.
2. Quand vous êtes fini appréciant votre feu, tournez le bouton de commande de taille de flamme à **OFF**. Le pilote restera s'est allumé. Le système de brûleur peut être relit en tournant le bouton de commande de taille de flamme vers **ON**.

COUPER LE PILOTE

Si vous ne projetez pas sur employer votre système de brûleur pendant une période prolongée vous pouvez choisir de vous éteindre le pilote. Pour faire ceci, tournez le bouton de commande de taille de flamme jusqu à la position de **OFF** et puis tournez le bouton de commande d'ignitor jusqu à la position de **OFF** (Fig. 22-1).

Important: En fermant le système de brûleur complètement, tournez le bouton de control/ ignition à la position de repos (Fig. 22-1). Si vous désirez tourner l'unité en arrière dessus, attendez une minute au minimum avant de commencer le procédé de rallumer (ALLUMANT LE PILOTE). Ceci permet à la soupape de sûreté de remettre à zéro en vue de rallumer.

Si cette unité était embarquée avec un extérieur, ou si un système à distance était installé plus tard, lisez et suivez les instructions à distance séparées d'actionner le brûleur à distance.



POSITIONS D'OPÉRATION DE CLAPET À GAZ
Fig. 22-1

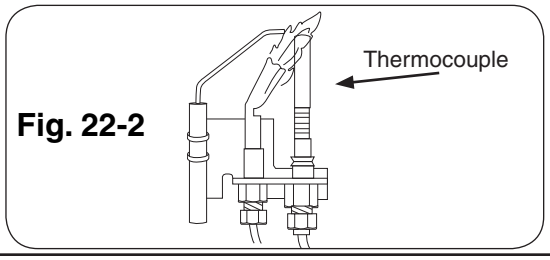


Fig. 22-2

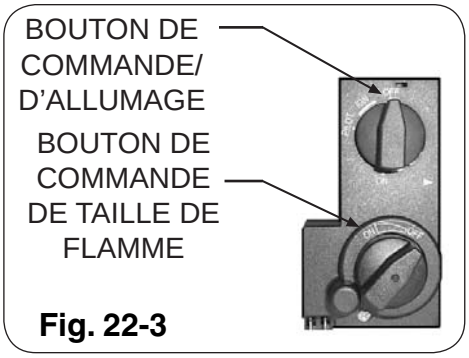


Fig. 22-3

BOUTON DE COMMANDE DE TAILLE DE FLAMME

OFF **Fig. 22-4** **ON**

LIGHTING INSTRUCTIONS - SERIES 15 VALVE

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING

If you do not follow these instructions exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not use this appliance if any part has been underwater. Immediately call for a qualified professional service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

The Real-Fyre® burner system has a pilot. When starting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the gas burner system area for gas. Be sure to smell next to the floor, as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON P. 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Force or attempted repair may result in fire or explosion.

LIGHTING THE PILOT

1. Turn the ignitor control knob (Fig. 23-1) on the burner control valve assembly to the side of the burner pan counterclockwise so that the narrowing part of the knob moves from the **OFF** position, slightly toward **IGN,** until reaching the stop.
2. Press the ignitor control knob in and hold in for five (5) seconds (only pilot gas will flow).
3. Continue pressing in while turning the ignitor control knob further counterclockwise toward the **PILOT** position until you hear a click. The click is an indication that the piezo ignitor has been activated.

Note: If the spark from the piezo ignitor does not light the pilot, repeat steps 2 & 3 until the pilot lights.

4. Continue to hold the ignitor control knob in the **PILOT** position for 60 seconds after the pilot has been lit to allow the thermocouple to detect the pilot flame.

Note: The pilot flame should always be present when the burner system is in operation, and should just envelop the tip of the thermocouple.

IGNITING THE MAIN BURNER

1. When the pilot flame is stable, release the ignitor control knob and turn counterclockwise to the **ON** position to enable the main burner.
2. Turn the flame-height control knob (Fig. 23-3) counterclockwise to the fully **ON** position (Fig. 23-4) to ignite the burner at maximum BTUs. After the main burner ignites, adjust the flame height as indicated below.

ADJUSTING THE FLAME HEIGHT

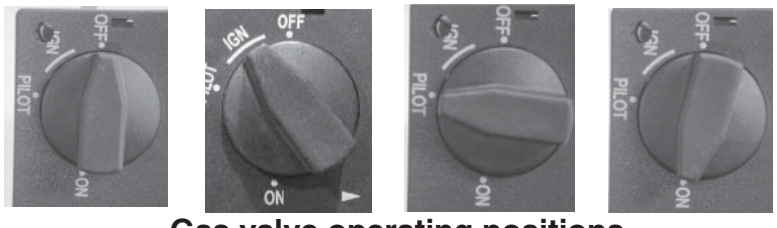
1. To adjust the flame, turn the flame-height control knob (Fig. 23-3) counterclockwise to increase the flame height, or clockwise to decrease the flame height, until the flames have the desired characteristics.
2. When you are finished enjoying your fire, turn the flame-height control knob to **OFF**. The pilot will remain lit. The burner system can be relit by rotating the flame-height control knob toward **ON**.

SHUTTING OFF THE PILOT

If you do not plan on using your burner system for an extended period, you may elect to extinguish the pilot. To do this, rotate the flame-height control knob to the **OFF** position and then rotate the ignitor control knob to the **OFF** position (Fig. 23-1).

Important: When shutting the burner system down completely, turn the control/ignition knob to the **OFF** position (Fig. 23-1). If you desire to turn the unit back on, wait a minimum of one (1) minute before starting the relight procedure (LIGHTING THE PILOT). This allows the safety valve to reset in preparation for relighting.

If this unit was shipped with a remote, or if a remote system was installed later, read and follow the separate remote instructions to operate the burner remotely.



Gas valve operating positions
Fig. 23-1

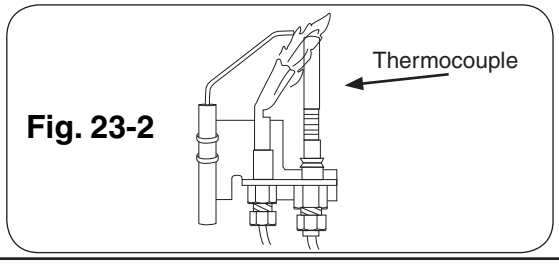


Fig. 23-2

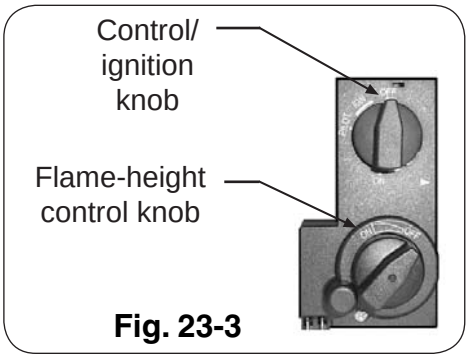


Fig. 23-3

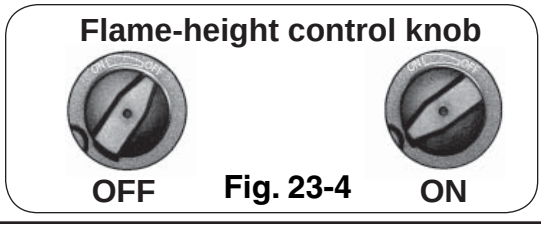
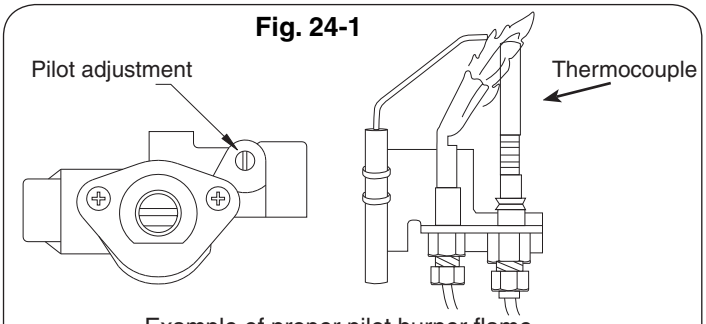


Fig. 23-4

PILOT BURNER ADJUSTMENT (MANUAL)

The pilot burner is preset at the factory and normally should not require adjustment. However, if adjustment is necessary, the following steps should be taken:

Fig. 24-1



Example of proper pilot burner flame and proper pilot/thermocouple alignment

With the pilot burner lit and the control knob in the pilot position, use a long, narrow screwdriver to turn the pilot adjustment screw (located on front of valve). Turn the adjustment screw slowly clockwise to reduce the flame, or counterclockwise to increase the flame. The adjustment screw can be turned so that the pilot flame is completely extinguished. The pilot flame should be a quiet, soft blue flame with yellow tipping that encircles the thermocouple tip.

Turn the control knob to the **ON** position to ensure proper ignition of the log set.

PILOT BURNER ADJUSTMENT (11 VALVE)

The pilot burner is preset at the factory and should normally not require any adjustment. However, if adjustment is necessary, the following steps should be taken:

1. Pull the burner forward so that you can access the pilot burner adjustment screw.
2. Light the pilot burner (see the LIGHTING INSTRUCTIONS).
3. With the control knob in the **PILOT** position, carefully remove the cap screw and gasket covering the safety pilot adjustment screw on the control valve.
4. Using a long, narrow screwdriver, turn the pilot adjustment screw (Fig. 24-2) slowly clockwise to reduce the flame, or counterclockwise to increase the flame. The adjustment screw can be turned so that the pilot flame is completely extinguished. The pilot flame should be a quiet, soft blue flame with yellow tipping that encircles the tip of the thermopile (Fig. 24-3).
5. Reassemble the cap screw and gasket to the valve body, ensuring that the cap screw and gasket are firmly seated on the valve body. Turn the control knob to the **ON** position to ensure proper ignition of the log set.

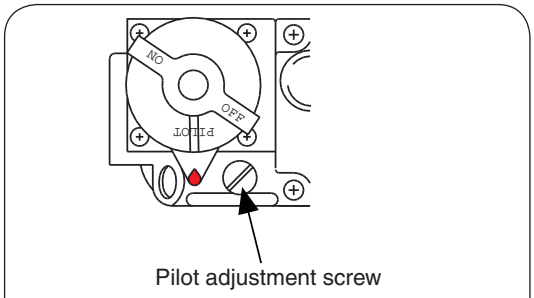


Fig. 24-2
Position of pilot adjustment screw

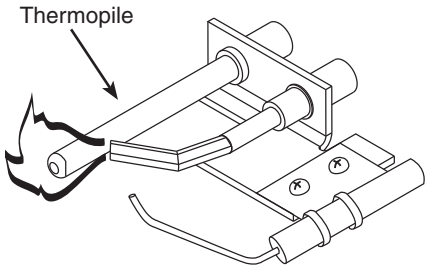


Fig. 24-3
Example of proper pilot burner flame and proper pilot/thermopile alignment

PILOT BURNER ADJUSTMENT (17 VALVE)

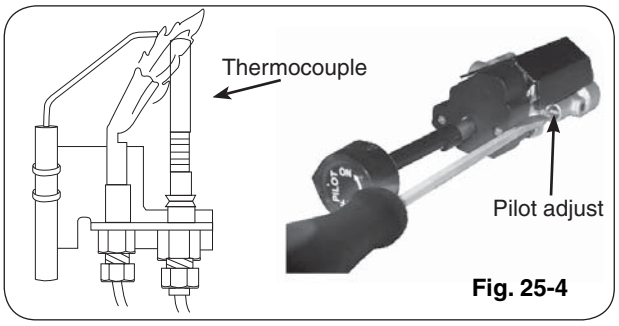


Fig. 25-4

The pilot burner is preset at the factory and normally should not require adjustment. However, if adjustment is necessary, the following steps should be taken:

With the pilot lit and the control knob in the pilot position, use a long narrow screw driver and turn the pilot adjustment screw slowly clockwise to reduce the pilot flame or counter clockwise to increase the flame (Fig. 25-4). The adjustment screw can be turned so that the pilot flame is completely extinguished. Some tightening of the screw may occur during adjustment; this is normal. The pilot flame should be a soft blue color with slightly yellow tipping which encircles the thermocouple tip.

After adjustment turn the control knob to the 'ON' position to assure proper ignition of the log burner.

MAINTENANCE

Periodically remove the logs and examine the burner assembly. If dirty, clean with a stiff brush. Also examine the area around the pilot. Any dirt or lint in this area should be removed. This will ensure long life and trouble-free operation. An annual inspection and cleaning of the vent system (chimney and damper) by a qualified agency is recommended. For safe operation and proper performance, use only Peterson Real-Fyre® parts and accessories.

Observe the flames. The main burner flames should be blue at the base and a combination of blue/yellow at the body and at the tips. They should be 5"(127mm) to 8"(203mm) above the logs, with the center flame being the tallest (see cover photo). The ember flames should be $1/4$" (6mm) above the embers.

TROUBLESHOOTING

POSSIBLE CAUSE	SOLUTIONS
1 BURNER SHUTTING DOWN DURING OPERATION	
A. Insufficient or excessive gas pressure	**A1.** Check gas pressure (Read G.- I. of IMPORTANT PRE-INSTALLATION AND FIREPLACE SAFETY INFORMATION section, & check with local gas company). **A2.** Other gas appliances may be on the same gas line, dropping gas pressure to log set. Check pressures with everything operating to ensure adequate pressure.
B. Log placement	**B.** Reference the LOG PLACEMENT section in this manual for recommended log positioning.
C. Flue area, fireplace, or damper dirty from soot	**C.** Clean around, above, and under damper thoroughly. Clean fireplace, removing loose material, including soot and creosote.
D. Fireplace too small for unit	**D.** Ensure minimum requirements are met. (See FIREPLACE SIZE REQUIREMENT section in this owner's manual.)
E. Pilot flame lifting off thermocouple/generator	**E.** Check gas pressure (see section A1).
F. Pilot (remote compatible)	**F.** Contact your dealer for instructions on replacement.
2 PILOT WILL NOT LIGHT	
A. Pilot flame lifting off thermocouple/generator	**A.** Check gas pressure (see Section 1, A1 of this table).
B. Electronic spark not lighting pilot	**B1.** Check to ensure sparking when activated. **Note:** You may need to turn or press ignitor several times to ignite pilot. See LIGHTING INSTRUCTIONS for your control valve. **B2.** (01models only) Pilot is sparking to screen, not to electrode. Adjust screen to 1/4" minimum clearance from pilot. (See 01 VALVE MODELS section in this owner's manual.)
C. Ignitor electrode wire loose	**C.** Check wiring and reconnect any loose wiring.
D. Gas supply off/manual shutoff valve closed	**D.** Turn on gas supply or open manual shutoff valve.
E. Air in gas line	**E.** Bleed the gas supply line and repeat LIGHTING INSTRUCTIONS until air is removed.
F. Pilot hood blocked	**F.** Check for debris or dirt / Clean pilot
G. Dead batteries (electronic pilots only)	**G.** Replace batteries as needed.
3 LOW FLAME HEIGHT	
A. Gas pressure	**A.** Check gas pressure (see Section 1, A1 of this table).
B. Propane tank running low	**B.** Fill tank completely.
4 BURNER NOT BURNING EVENLY	
A. Burner orifice clogged	**A.** Clean burner orifice.
5 ODORS	
A. Gas leak	**A.** Shut off gas, if possible. Follow instructions on front page. Have a qualified professional installer or the gas company correct all leaks.
B. New home, new carpet, or new paint	**B.** When these odors are drawn into the fireplace, this may cause objectionable odors. Thoroughly ventilate the area before restarting your log set.

TROUBLESHOOTING (Cont.)

POSSIBLE CAUSE	SOLUTIONS
6 SOOTING	
A. On logs, in firebox, or room	**A.** Check gas pressure (see Section 1, A1 of this table).
B. Drafts in room	**B.** Eliminate drafts by closing heating and air conditioning vents, returns, and outside air vents. Fans blowing directly into fireplace should be turned off when set is operating.
C. Air shutters blocked (if applicable)	**C.** Air shutters are blocked with debris. Vacuum debris away from air shutter.
D. Log placement	**D.** See solution in Section 1, B.
E. Using natural-gas burner on propane gas or propane burner on natural gas	**E.** If the gas listed on the nameplate does not match the gas you are burning, shut down the burner system immediately and completely (including pilot) following the steps in the LIGHTING INSTRUCTIONS section. Then call your dealer.
F. Adding any accessories to log sets	**F.** Shut down log set and take off any logs or accessories that do not belong with the set.
7 PILOT WILL NOT STAY LIT	
A. Valve won't hold	**A.** Contact your dealer for instructions on replacement.
B. Pilot hood not aimed at thermocouple	**B.** Pilot hood bent; replace pilot or angle pilot hood properly so pilot flame hits thermocouple.
C. Pilot line bent	**C.** Replace pilot line.
D. Thermocouple is loose	**D.** Tighten thermocouple nut at gas control valve.
E. Thermocouple cracked or worn out	**E.** Replace thermocouple.
F. Excessive down draft	**F.** Install chimney cap / Outside chimney too close to other peaks / Check chimney flue for proper height / Poorly designed chimney

FLAME DESCRIPTION

Observe the flames. The main burner flames should be blue at the base and a combination of blue/yellow at the body and at the tips. They should be 5"(127mm) to 8"(203mm) above the logs, with the center flame being the tallest (see cover photo). The ember flames should be $1/4$" (6mm) above the embers.

WARRANTY

PETERSON VENTED DECORATIVE GAS APPLIANCE
LIMITED WARRANTY

All Peterson gas logs are **WARRANTED for as long as you own them (lifetime).**

All Peterson burner assemblies are **WARRANTED for TEN (10) YEARS.**

All Peterson glass is **WARRANTED for FIVE (5) YEARS.**

SPK-26 controls are covered by a **THREE (3) YEAR "All Parts" Warranty.**

APK-17 controls are covered by a **TWO (2) YEAR "All Parts" Warranty.**

All other Peterson valves, pilots, and controls are covered by a **ONE (1) YEAR Limited Warranty (excluding batteries).**

PLEASE KEEP A COPY OF YOUR SALES SLIP FOR PROOF OF PURCHASE

This warranty applies to the original purchaser and to single family residential use only. It commences from date of purchase, and is valid only with proof of purchase.

This warranty does not cover parts becoming defective through misuse, accidental damage, electrical damage, improper handling, lack of routine maintenance, storage, and/or installation. Product must be installed (and gas must be connected) as specified in the instructions or operator's manual, by a **qualified professional installer.** Accessories, parts, valves, remotes, etc., when used must be Peterson Co. product.

This warranty **does not** apply to rust, corrosion, oxidation, or discoloration, unless the affected component becomes inoperable. It **does not** cover labor or labor-related charges.

This warranty specifically excludes liability for **indirect, incidental,** or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specified legal rights, and you may have other rights that may vary from state to state.

For additional information regarding this warranty, or to place a warranty claim, contact the R.H. Peterson dealer where the product was purchased.

TO REGISTER YOUR PRODUCT ONLINE GO TO: WWW.RHPETERSON.COM, AND CLICK ON PRODUCT REGISTRATION. THANK YOU FOR YOUR PURCHASE.

FOR USE IN THE COMMONWEALTH OF MASSACHUSETTS

INSTALLATION OF THIS APPLIANCE MUST BE PERFORMED BY A MASSACHUSETTS

LICENSED PLUMBER OR GAS FITTER ONLY.

CONNECTOR KITS USED FOR INSTALLATION AND OPERATION OF THIS APPLIANCE MUST NOT BE MORE THAN 36" IN LENGTH.

FIREPLACE DAMPER MUST BE REMOVED OR PERMANENTLY FIXED/WELDED IN FULL OPEN POSITION PRIOR TO INSTALLING THIS PRODUCT.

Quality Check					**Date:**_____	
Burner Orifices	**Nat.**	**L.P.**	**Leak Test:**	_____	**Model#:**	_____
Main:	____	____	**Burn Test:**	_____	**Serial#:**	_____
Other:	____	____	**Gas Type:**	**Nat. / L.P.**	**Air Shutter:**	_____
					Inspector:	_____